

Blackstone Valley Electric Eastern Edison EUA Service Corporation Montaup Electric Newport Electric

May 16, 1997-28 PH '91

Mary L. Cottrell, Secretary Department of Public Utilities 100 Cambridge Street, 12th Floor Boston, MA 02202

RE: Restructuring Settlement Agreement between the Attorney General, Division of Energy Resources, Eastern Edison Company, and Montaup Electric Company
D.P.U. 96-100, D.P.U. 96-24, and D.P.U. 97-43

Dear Secretary Cottrell:

The Attorney General and the Commonwealth of Massachusetts Division of Energy Resources ("DOER"), Northeast Energy and Commerce Association, Competitive Power Coalition, Northeast Energy Efficiency Council, Conservation Law Foundation, Retailers Association of Massachusetts, The Energy Consortium, American National Power and Intercontinental Energy Corporation ¹ have reached a restructuring Settlement Agreement ("Settlement") with Eastern Edison Company ("Eastern Edison") and Montaup Electric Company ("Montaup") (together, the "Settling Parties") designed to provide a resolution of issues presented in the industry restructuring dockets D.P.U. 96-100, D.P.U. 96-24 and D.P.U. 97-43. This Settlement, once approved by the Department, would require a restructuring of the EUA System in furtherance of the competitive market structures found appropriate by the Department and would implement Consumers First (the restructuring plan of the Attorney General) and the restructuring plan of the DOER as applied to Eastern Edison and its affiliates in the EUA System. The Settlement includes a requirement for a voluntary filing by Montaup to separate its generation business from its transmission business, a voluntary commitment to divest Montaup's generation business, a proposal for the jurisdictional separation between transmission facilities subject to Federal Energy Regulatory Commission's ("FERC") jurisdiction and distribution facilities subject to the Department's jurisdiction, and the assurance of stranded cost recovery by Montaup and Eastern Edison.

This Settlement also resolves all ratemaking issues for Eastern Edison and assures that Eastern Edison's rates to retail customers comply fully with the requirements of *Consumers First*.

¹ Each of the Settling Parties has signed (1) a Joint Motion for Approval, (2) the Restructuring Settlement Agreement and (3) the Wholesale Stipulation and Agreement.

Finally, this Settlement resolves other issues necessary to implement retail choice for Eastern Edison's customers on the Retail Access Date, which is defined as the later of January 1, 1998 or the date when retail access is made available to all customers of the investor-owned electric utilities in Massachusetts. It is expressly understood by the Settling Parties, however, that this Settlement does not bind them as to issues that are not explicitly raised and agreed upon herein or the details of implementing the terms and conditions hereof.

In anticipation of retail access and as an educational process for Eastern's customers, the Company will implement the unbundled tariffs included in Volume 1 as Attachment 1 starting on July 1, 1997. These unbundled tariffs are tendered for the Department's review and approval, and are proposed to replace the unbundled tariffs the Company submitted to the Department on March 14, 1997 in D.P.U 97-43 in compliance with the Department's directives. Eastern's unbundled tariffs would be divided into the following components: distribution/access charges designed to collect distribution facilities costs, access costs, and conservation costs; transmission charges designed to recover transmission costs and a generation charge designed to recover test-period, average fuel and an allowance of purchased power costs. Eastern would roll its current purchased power factors into base rates and eliminate future rate adjustments for changes in purchased power costs.

As of January 1, 1998, Eastern also has the option to accelerate the retail access date to its customers. On the retail access date, Eastern will implement the retail delivery tariffs, with a standard offer option for customers that do not choose a competitive supplier. Eastern's retail delivery rates include four components. The distribution and access charges will be included in distribution charges, the transmission charge will be billed in a separate transmission service cost adjustment, and the standard offer charge will be billed separately to customers taking standard offer service. These retail delivery tariffs included in Volume 1 as Attachment 2 are filed for the Department's review and approval.

Under its existing service agreement with Montaup, Eastern Edison is an all-requirement contract customer. The Settlement includes a wholesale rate stipulation and agreement which provides full recovery of the costs stranded by the termination of this contract. The contract termination charge (CTC), capped at 3.04 cents per kilowatthour, would recover Eastern Edison's 59.02 percent proportionate share of Montaup's total contract termination costs and would apply to all kWh delivered to consumers of electricity in Eastern Edison's service area, whether or not they are current customers of the Company. The CTC formula included in Volume 1, Attachment 3, Appendix 1 is included for informational purposes.

By July 1, 1997, Montaup would file a plan with the Department and the Federal Energy Regulatory Commission to implement full divestiture of generating properties. Montaup would credit all proceeds from the divestiture as a direct offset to the CTC. As an incentive to reduce the CTC, the Settling Parties have agreed on a mitigation incentive mechanism which provides additional compensation to Montaup when the unadjusted CTC is reduced below 3.04 cents per kilowatthour.

In accordance with the wholesale stipulation and agreement, standard offer service would be obtained by Eastern Edison through a competitive solicitation and would be available to all of the Company's retail customers. Eastern Edison would provide standard offer service at fixed prices increasing from 2.8 cents per kilowatthour on the retail access date to 5.1 cents, subject to fuel changes, during a transition period from the retail access date through December 31, 2004. Once a competitive supplier is selected, a customer may not return to standard offer service with an exception for certain customers during the first year of retail access. The standard offer bidding process included in Attachment 7 is rendered for the Department's review and approval.

Under the wholesale stipulation and agreement, Eastern Edison would enter into a network integration transmission service agreement for transmission service using Montaup's Open Access Transmission Tariff. The network integration transmission service agreement incorporates a stipulation for ongoing recovery of the CTC in order for transmission to remain available for retail access.

Another major provision of the Settlement, included in Attachment 9, commits Montaup to nitrogen oxide and sulfur dioxide emissions reductions at its Somerset generating facility and its ownership share at Canal Unit No. 2, without restricting environmental regulators' authority to impose new standards. Another environmental benefit built into the Settlement is an annual increase from today's expenditures for DSM and renewables programs. The DSM programs would include low-income residential programs. The Department would decide the appropriate level for ongoing DSM programs and renewables after 2001.

Finally, the Settlement calls for the Department to approve the existing line of demarcation between Montaup's transmission and Eastern's distribution facilities. Attachment 10 contains an analysis based on FERC's seven-factor test and concludes that the current arrangements between Montaup and Eastern are sufficient to delineate between FERC and Department jurisdiction.

The accompanying filing is organized as follows:

Joint Motion for Approval of Offer of Settlement

The Restructuring Settlement Agreement

Attachment 1 - Eastern Edison's unbundled tariffs that will be effective until the Retail Access Date together with the supporting documentation. The Settling Parties request the Department's approval of these tariffs by June 30, 1997 so that informational billings to customers may begin.

Attachment 2 - Eastern Edison's retail delivery tariffs with the Standard Offer option that will be effective on and after the Retail Access Date. The Settling Parties request the Department's approval of these tariffs by June 30, 1997 so that FERC can take appropriate action on Attachment 3, particularly the retail recovery mechanism for Montaup's termination charges.

Attachment 3 - Montaup's Stipulation and Wholesale Agreement with Eastern Edison. Montaup intends to file this Agreement with FERC on June 1, 1997 to accommodate a January 1, 1998 retail access date.

Attachment 4 - revised Terms and Conditions ("T&C") for Eastern Edison that reflect changes to Eastern Edison's T&C associated with its change to an unbundled distribution company, and which set forth the requirements for customers taking retail access. Eastern Edison will submit this document in the generic proceeding to be conducted by the Department.

Attachment 5 - A description of Eastern Edison's implementation of a storm fund and documents supporting unfunded deferred income taxes and FAS 106 amortization. The Settling Parties request Department approval of these items by June 30, 1997.

Attachment 6 - Eastern Edison's performance standards under retail delivery rates. The Settling Parties request the Department's approval of these performance measures to ensure no degradation of service without the Company experiencing a financial penalty. If more stringent performance standards are established by the Department for all investorowned utilities, the Company would agree willing to adopt the more stringent performance standards.

Attachment 7 - Eastern Edison's Term Sheet for Bidding Standard Offer Service including Fuel Index. The Settling Parties request the Department's approval by June 30, 1997 so that the bidding process can be implemented.

Attachment 8 - Eastern Edison's Terms, Conditions, and Settlement Process with Suppliers under Retail Delivery Rates. Eastern Edison will submit this document in the generic proceeding to be conducted by the Department.

Attachment 9 - Montaup's Emission Reductions from Somerset and Canal.

Attachment 10 - Eastern Edison's Jurisdictional Separation of Transmission and Distribution Facilities Pursuant to FERC Order 888 (seven-factor test). Eastern Edison will submit this document in the generic proceeding to be conducted by the Department. Further, Montaup intends to file this document with FERC on June 1, 1997 to accommodate a January 1, 1998 retail access date.

George B. Dean, Esq.

Very truly you

Assistant Attorney General

David L. O'Connor

Commissioner of Energy Resources

David A. Fazzone, P.C.

Counsel for

Eastern Edison Company and

Montaup Electric Company

Electric Utility Industry Restructuring Offer of Settlement

Volume 1

May 1987

Massachusetts Department of Public Utilities Docket Numbers — D.P.U. 96-100 and D.P.U. 96-24



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COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF PUBLIC UTILITIES

)	
Electric Utility Industry Restructuring)	D.P.U. Docket Nos. 96-100
)	and 96-24

JOINT MOTION FOR APPROVAL OF OFFER OF SETTLEMENT

The undersigned hereby move that the Department of Public Utilities approve by

June 30, 1997, the attached Offer of Settlement ("Settlement"). The Settlement has been agreed
to by the undersigned parties. To the extent that the Department or member of the staff have
questions concerning any terms of the Settlement, the undersigned parties request a hearing and
Eastern Edison agrees to make witnesses available.

D.P.U. Docket Nos. 96-100 96-24

George B. Dean

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for

SCOTT HARSHBARGER ATTORNEY GENERAL

May 1997

D.P.U. Docket Nos. 96-100 96-24

David L. O'Connor

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D.P.U. Docket Nos. 96-100 96-24

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D.P.U. Docket Nos. 96-100 96-24

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D.P.U. Docket Nos. 96-100 96-24

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RESTRUCTURING SETTLEMENT AGREEMENT

COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF PUBLIC UTILITIES

)	D.P.U. Docket Nos. 96-100
Electric Utility Industry Restructuring)	and 96-24
)	

RESTRUCTURING SETTLEMENT AGREEMENT

This Restructuring Settlement Agreement ("Settlement") is jointly sponsored by the Office of the Attorney General ("Attorney General"), the Division of Energy Resources ("DOER"), Montaup Electric Company ("Montaup"), and Eastern Edison Company ("Eastern"). The Settlement is designed to provide a resolution of issues presented in the industry restructuring Docket Nos. D.P.U. 96-100 (the Department's generic proceeding on electric utility restructuring) and D.P.U. 96-24 (Eastern's own restructuring proceeding). This Settlement, once approved by the Department, would require a restructuring of the EUA System in furtherance of the competitive market structure objectives of the Department and would implement *Consumers First* (the restructuring plan of the Attorney General) and the restructuring plan of the DOER as applied to Eastern and its affiliates in the EUA System. The Settlement includes a requirement for a filing by Montaup to separate its generation business from its transmission business, a voluntary commitment to divest Montaup's generation business through a sale or spinoff of 100 percent of that business, a request for approval of the jurisdictional separation between transmission facilities subject to the Federal Energy Regulatory Commission's ("FERC") jurisdiction and distribution

facilities subject to the Department's jurisdiction, and the assurance of stranded cost recovery by Montaup and Eastern. This Settlement also resolves all ratemaking issues for Eastern and assures that Eastern's rates to retail customers comply fully with the requirements of Consumers First and the restructuring plan of the DOER. Finally, this Settlement resolves other issues necessary to implement retail choice for Eastern's customers on the Retail Access Date which is defined as the later of January 1, 1998 or the date when retail access is made available to all customers of the investor-owned electric utilities in Massachusetts.

The parties to this Settlement recognize and fully understand that their mutual promises in this Settlement evidence the consideration they have extended to each other in their efforts to settle the issues of D.P.U. 96-24 in accordance with the principles articulated in D.P.U. 96-100. The willingness and ability of Eastern and Montaup to commit to and fulfill any and all of their obligations under this Settlement, including in particular the full divestiture of Montaup's generating business, are predicated and conditioned upon the commitments by the Attorney General, DOER and the Department to the recovery in full of Eastern's and Montaup's stranded costs, as set forth in this Settlement and in the wholesale rate settlement included in Attachment 3. The Settlement is designed to implement *Consumers First* and the restructuring plan of the DOER in a manner that is consistent with the proposals articulated by the Department in its orders in D.P.U. 96-100. It is further designed to ensure recovery of Eastern's access charge as part of its transition from a fully bundled, completely regulated electric utility to an unbundled distribution company in an emerging competitive industry.

The Settlement follows the outline of Consumers First. The parties have agreed on the following:

I. Price Reductions for Customers

Consumers First requires meaningful price reductions for all customers on the Retail

Access Date. A ten percent reduction represents the minimum acceptable result under Consumers

First and is a predicate of the Settlement. The parties agree that the Settlement will include a ten

percent reduction accomplished through the following principles:

a reduction in cost recovery through the initial access charge as compared with currently effective rates; and

a fixed stream of standard offer prices to customers provided by suppliers in the market that begin at 2.8 cents per kilowatthour and continue at escalating prices thereafter.

The combination of these principles in the Settlement, when applied to Eastern, will produce a base rate freeze prior to the Retail Access Date, implement unbundled rates for Eastern commencing on July 1, 1997, and provide retail delivery tariffs with a standard offer option on the Retail Access Date. Eastern's unbundled tariffs that will be effective until the Retail Access Date, together with the supporting documentation, are included in Attachment 1. Eastern's retail delivery tariffs with the standard offer option that will be effective on and after the Retail Access Date are included in Attachment 2. Eastern's retail delivery tariffs contemplate the corporate separation of Montaup's generation and transmission businesses and recognize that Montaup will be paid the transmission rates established by FERC.

Under a separate wholesale rate settlement included in Attachment 3, Montaup's

wholesale Base Rates and Purchased Capacity Adjustment Clause factor ("PCAC") (Montaup Electric Company, FERC Electric Tariff, First Revised Volume No. 1) to Eastern will be frozen effective January 1, 1997 through the Retail Access Date, or through December 31, 2000 if the Retail Access Date has not yet occurred or Eastern has not otherwise terminated its all-requirements service under the wholesale tariff. Following the Retail Access Date, Montaup will cease providing Eastern all-requirements service under the wholesale tariff and Montaup will implement, and Eastern will pay, the contract termination charges set forth in that wholesale rate settlement.

The approval by FERC of the wholesale rate settlement is a condition to the effectiveness of this Settlement and to the provision of retail access by Eastern to its customers. Failure by FERC to approve the wholesale rate settlement as filed shall render this Settlement null and void and of no effect.

- A. The Unbundled Rates Effective from July 1, 1997 Through the Retail Access Date

 The unbundled rates included in Attachment 1 shall be phased in during the last six months

 of 1997 beginning on July 1, 1997 in accordance with the following terms:
 - 1. Eastern's unbundled rates are divided into distribution charges, transmission charges, and generation charges. The distribution charges include Eastern's distribution costs including the conservation cost factors approved by the Department for calendar year 1996, and recovery of fixed costs currently recovered in Montaup's M-14 rate. The transmission charge includes transmission

costs billed to Eastern. The generation charge includes Eastern's fuel clause plus an allowance to approximate the variable costs currently associated with Montaup's purchased power expense recovered in Montaup's M-14 rate. Eastern's fuel clause will continue to operate as a fully reconciling charge during the effective period of the unbundled rates.

- 2. Eastern's unbundled rates will be used for billing purposes to provide information to customers.
- 3. Eastern will eliminate its Purchased Power Cost Adjustment ("PPCA") M.D.P.U.

 No. 245 as of January 1, 1997 and will roll PPCA into its base rates by adding the

 PPCA E-9R amount of (\$0.00501) per kilowatthour and the PPCA E-11

 reconciliation adjustment of \$0.00096 per kilowatthour to base revenues. No

 further reconciliations of purchased power expense and revenues will be required

 after January 1, 1997, and any balance whether positive or negative will be

 retained or borne by Eastern and will not be refunded or collected from customers.
- 4. The unbundled rates shall remain in effect for all usage prior to the Retail Access

 Date, subject to Section I.C. below. The final balances in the fuel factor remaining

 after the Retail Access Date, whether positive or negative, shall be returned to or

 collected from customers in the first quarter after the Retail Access Date.
- Eastern will eliminate its Conservation Cost Adjustment Clause ("CCA")
 M.D.P.U. No. 302 on January 1, 1997 and will roll CCA into its base rates by

adding the following amounts to base revenues:

\$0.00174 per kWh
\$0,00177 per kWh
\$0.00205 per kWh
\$0.00168 per kWh
\$0,00434 per kWh
\$0.00436 per kWh
\$0.00409 per kWh
\$0.00378 per kWh
\$0.00370 per kWh
\$0.00436 per kWh
\$0.00368 per kWh
\$0.00140 per kWh
\$0.00355 per kWh

The roll in will provide \$8,238,000 in annual base revenues.

- 6. Eastern will eliminate its Conservation Service Charge ("CSC") clause M.D.P.U.
 No. 182 on January 1, 1997 and will roll CSC into its base rates by adding the current CSC factor of \$0.13 per customer-month to base rates. The roll in will provide \$284,600 in annual base revenues.
- 7. Effective on July 1, 1997, Eastern shall close, or cease to offer, to new customers the following rate and rate riders:

Large Primary Voltage Auxiliary General Service Rate A-6

Economic Development Rate Rider ED

Interruptible Load Rider ILR

B. Retail Delivery Rates and the Standard Offer Effective from the Retail Access Date

Through December 31, 2000

The retail delivery rates included in Attachment 2 shall become effective for usage on and after the Retail Access Date on the following terms.

- 1. Eastern's retail delivery rates include four components. The distribution and access charges will be included in distribution charges, the transmission charge will be billed in a separate transmission service cost adjustment, and the standard offer charge will be billed separately to customers taking standard offer service. The four components are as follows:
 - (a) Distribution charges that will remain in place through December 31, 2000 and which may be superseded by a filing that becomes effective after suspension on January 1, 2001. Performance standards are also established in the distribution component of the rate with credits to customers if the standards are not achieved.
 - (b) Transmission charges that recover on a fully reconciling basis the transmission charges billed to Eastern by Montaup together with the charges, if any, billed to Eastern by or for the benefit of a Regional Transmission Group, an Independent System Operator, any other transmission provider, or any regional entity that may be created or allowed to implement rates and tariffs for transmission services or reliability related operating services under FERC accepted tariffs;

- (c) Access charges that are designed to recover on a fully reconciling basis all contract termination charges paid by Eastern to Montaup. As set forth more fully below these access charges are fixed at 3.04 cents per kilowatthour for the period through December 31, 2000, subject to a residual value credit under Attachment 3, and at declining levels thereafter. The access charges are subject to adjustment for various factors included in Attachment 3.
- (d) A standard offer for service during a transition period that is fixed for the period through December 31, 2004 subject only to a fuel index, which is on the following schedule:

Calendar Year	Price per kilowatthour
1998	2.8 cents
1999	3.1 cents
2000	3.4 cents
2001	3.8 cents
2002	4.2 cents
2003	4.7 cents
2004	5.1 cents

Together the charges in paragraphs (a) through (d) comply with Consumers First related to rates and prices. In addition, Attachment 4 contains revised terms and conditions for Eastern that reflect changes to Eastern's terms and conditions associated with its change to an unbundled distribution company, and which set forth the requirements for customers taking retail access. The details of each charge included in the rates and the changes to the terms and conditions are set forth in the paragraphs below.

- Distribution Charges. The distribution charges in the retail delivery rates will become effective on the Retail Access Date and will remain in effect through December 31, 2000 on the following terms.
 - (a) Eastern shall be authorized to establish a storm fund to pay for all of the incremental costs of any major storm, defined as any storm with incremental costs of over \$250,000 occurring after the date this Settlement is approved by the Department. The distribution component of the retail delivery rates contains a \$1.3 million accrual for this charge and Eastern shall begin to accrue this amount to the fund on an annual basis commencing on the date when the retail delivery rates become effective.

 The accrual shall continue at \$1.3 million per year until a modification is approved by the Department following a filing by Eastern. Eastern is authorized to charge all incremental costs of major storms against the fund and to pay or accrue interest on the fund balance whether positive or negative. The storm reserve fund will be prefunded with up to \$2.0 million to the extent that such funds are available as excess recoveries resulting from the reconciliation of Montaup's 1996 PCAC billing rate.¹

To the extent the PCAC refund to Eastern exceeds \$2.0 million, any additional excess will be applied to offset the costs Eastern will incur to enhance its billing system to accommodate the billing of unbundled retail rates and competitive supplier services and to satisfy Eastern purchased power buyout costs. All PCAC refund proceeds in excess of the amounts necessary to establish the storm fund, to

- (b) The retail delivery rates are based on the assumption that the dollar amounts associated with FAS 106 obligations related to retail operations, currently deferred on Eastern's books shall be amortized over the period commencing on January 1, 1997 and ending on December 31, 2000.
- transmission facilities on the integrated Montaup and Eastern systems, and thus assumes that all property owned by Eastern except for those facilities that are paid for by Montaup pursuant to FPC No. 15 is subject to the Department's ratemaking jurisdiction when it is used to provide access to retail customers. As set forth below, the parties agree that this separation is reasonable and appropriate, and should be approved by FERC and the Department for ratemaking purposes as part of this Settlement. However, approval of the jurisdictional separation of facilities without change is not a condition of this Settlement. Pending review of Eastern's and Montaup's facilities, Eastern and Montaup may seek to change the classification of certain facilities. In the event that facilities or costs are transferred from transmission to distribution or from distribution to transmission, the parties agree that appropriate adjustments to the transmission and distribution

enhance the billing system and to satisfy purchased power buyout costs will be transferred to the Access Charge reconciling account and be reflected as a credit.

- components of the rates will be made to reflect the transfer.
- (d) The retail delivery rates are based on the assumption that all remaining unfunded state and federal FAS 109 deferred income tax balances ² are recovered over three years after the effective date of the retail delivery rates.
- (e) Eastern shall implement performance standards for reliability and customer satisfaction set forth in Attachment 6. Eastern shall be required to credit customers with an amount calculated in accordance with the schedules in that attachment during the year following any year that it failed to meet a performance standard. In addition, Eastern shall propose, by October 1, 1997, a performance standard for the effective management of line losses.
- (f) Commencing on April 1, 1999 and by April 1 of each subsequent year,

 Eastern shall file with the Department to adjust rates to recover or refund
 revenues necessary to assure that Eastern's annual return on equity
 associated with distribution operations from the prior year averaged
 between six percent and eleven percent before any award or penalty that
 may be required pursuant to paragraph (e). Eastern's return on equity for

At December 31, 1996, deferred federal and state income tax balances were (\$651,355) and \$3,294,835 respectively. See Attachment 5.

the prior year will be determined by using the earnings available for common equity as reported to the Securities and Exchange Commission in Eastern's annual report adjusted to remove the impact of Eastern's investment in Montaup.³ If Eastern's return on equity so calculated is below six percent, it shall be authorized to increase its rates by a uniform per kilowatthour surcharge calculated to provide sufficient revenues to increase Eastern's return on equity to six percent. If Eastern's calculated return on equity is above 11 percent, it shall be required to reduce its rates by a uniform per kilowatthour surcharge to refund revenues necessary to reduce the calculated return on equity between 11 and 12.5 percent by 50 percent and the earnings above 12.5 percent by 100 percent. If Eastern's calculated return on equity falls between 6 and 11 percent, then no further adjustment shall be authorized or required.

(g) Eastern shall also adjust its retail delivery rates for the effects of any changes in the federal or state income, revenue, sales, or franchise tax rates or laws, or any externally imposed accounting changes, if they affect Eastern's costs by more than \$125,000 per year or any other charges under

Eastern's earnings available for common equity and common equity balances shall also be adjusted to eliminate the effects of any writedown and to restore expenses associated with any such writedown that may result from the implementation of industry restructuring or this Settlement.

- the retail delivery rates in Attachment 2.
- (h) The retail delivery rates include fully reconciling charges for Eastern's access charges and transmission payments. The access charges shall be rolled into the distribution rates and shall not be shown separately on bills to customers. To maintain rate stability and avoid rate dislocations, cost allocations among rate classes were determined using the allocators for these cost functions that have been developed and approved in prior cases within continuity constraints.
- (i) The discount for the R-2 Rate that is available for Eastern's low income customers is designed to reduce the base rates of a customer taking standard offer service by 35 percent in accordance with Consumers First. The discount is applied exclusively to the distribution component of the rate to assure that the same level of discount is available regardless of the supplier and to allow the operation of the reconciling access and transmission charges. The recovery of the discount from Eastern's other customers is based on distribution rate base in accordance with the practice in prior cases.
- (j) Eastern's energy conservation services charge and conservation cost factors will be discontinued on the effective date of the unbundled retail rates. An overrecovery balance is anticipated which shall be placed in a

reserve account to be used to mitigate the phased-in increase in the conservation and load management and renewables annual budgets for the period 1998 through 2001.

- 3. <u>Transmission Charges</u>. The transmission charges in Eastern's retail delivery rates shall be recovered in a uniform cents per kilowatthour factor per rate under the transmission cost adjustment provisions included in tariffs. The transmission cost adjustment shall recover the costs billed to Eastern by Montaup (or its successor or assignee), by any other transmission provider, and by other regional transmission or operating entities, such as NEPOOL, a regional transmission group ("RTG"), an independent system operator ("ISO"), or other regional body in the event that they are authorized to bill Eastern directly for their services. The transmission cost adjustment shall be established annually based on a forecast of transmission costs, and shall include a full reconciliation and adjustment for any over- or under-recoveries occurring under the prior year's adjustment. As set forth below, the Parties have agreed to support the implementation of NEPOOL reforms, including the formation of an RTG and ISO to the extent consistent with this Settlement. These reforms are desirable, but are neither a condition to retail access by Eastern nor of the approval of this Settlement.
- 4. Access Charges. The access charges in Eastern's retail delivery rates shall be recoverable in a uniform cents per kilowatthour factor under the access cost

adjustment provisions included in the tariffs in Attachment 2. The access cost adjustment factor will recover on a fully reconciling basis the contract termination charges billed by Montaup to Eastern under the wholesale rate settlement included in Attachment 3 and shall be subject to the dispute resolution procedures set forth in Section 3.5 of that wholesale rate settlement. The Parties agree that: a) the wholesale rate settlement in Attachment 3 is reasonable; b) approval of this Settlement by the Department represents express authorization of Eastern to pay those charges under G.L.c. 164, § 94A until Eastern's obligation to Montaup for payment of contract termination charges has been fully extinguished; c) the decision by Eastern to execute a contract termination agreement with Montaup included in Attachment 3 and to pay the contract termination charges is reasonable and prudent; and d) the contract termination charges shall be recoverable in Eastern's rates for retail delivery services for as long as the contract termination charges remain in effect.

Standard Offer. Consistent with Consumers First, Eastern shall arrange to provide standard offer service through a transition period ending on December 31, 2004, by putting out a bid for Standard Offer power supply. Backstop service would be provided by Montaup, its successor or assignee at the guaranteed wholesale price. If there is a simultaneous, statewide auction for Standard Offer service, Eastern will participate and take its pro-rata shares of bid services from the market and

backstop services from Montaup. Simultaneous statewide bid, in this context, would be a bid process accepted by all utilities offering Standard Offer service on the Retail Access Date under essentially the terms defined by *Consumers First* and representing at least 70% of Massachusetts electric load.

Standard offer service shall be available to all of Eastern's retail customers on the Retail Access Date. After the Retail Access Date customers are free to leave the standard offer at any time to purchase from an alternative supplier in the market but, once the market option is selected, a customer may not return to service at standard offer prices, provided, however, that standard offer service shall be available to all residential or Small General Service Rate G-1 customers who have previously taken service from an alternative supplier for the first year after the Retail Access Date, if such residential or Rate G-1 customer elects to return to standard offer service within 90 days of first taking service from the alternative supplier. The terms and conditions for the bids by potential suppliers for standard offer service are set forth in Attachment 7.

Eastern's standard offer prices are guaranteed, subject to the fuel price index described in Attachment 7. Under the tariffs included in Attachment 2, Eastern's charges for standard offer service are included as a separate surcharge to the rates for retail delivery service that apply to all retail access customers.

Eastern shall reconcile the revenues billed to retail customers taking standard offer

service against payments to suppliers of standard offer service and recover or refund any under or overcollection on the following terms:

- (a) Any revenues billed by Eastern for standard offer service in excess of payments to suppliers of that service shall be accumulated in an account and credited with interest calculated using the methodology for calculating interest on customer deposits specified in Eastern's terms and conditions.

 The accumulated balance at the end of each calendar year shall be credited to all of Eastern's retail delivery customers through a uniform cents per kilowatthour factor in the following year.
- (b) In the event that the revenues billed by Eastern do not recover Eastern's payments to suppliers or Eastern defers expenses to meet the inflation cap established in Section I.B.9, Eastern shall be authorized to accumulate the deficiencies in the account together with interest calculated as above and recover those amounts by implementing a uniform cents per kilowatthour surcharge on the rates for standard offer service, if and to the extent that the access charges billed by Eastern to its retail delivery customers are for any reason below the unadjusted contract termination charges listed in Attachment 3. Under-recoveries, if any, that remain after the standard offer transition period ends on December 31, 2004 shall be recovered from all retail delivery customers by a uniform surcharge not exceeding \$0.004

per kilowatthour commencing on January 1, 2010.

- 6. Safety Net Service. In recognition that electricity is an essential service, and that there is a risk that in a competitive market some low-income customers may be unable to obtain or retain service on reasonable terms on account of a credit profile that would not create a barrier to service under the current regulated monopoly supply, Eastern shall arrange to provide electric supply for low-income customers who are no longer eligible to receive service under the standard offer and not adequately supplied by the market because they are unable to obtain or retain electric service from competitive power suppliers. Service under this provision shall be made available under rates, terms and conditions approved by the Department. Eastern shall fully recover any reasonable costs it incurs in arranging this service.
- Basic Service. In recognition that customers may face an occasional hiatus between competitive suppliers, and in an effort to prevent such customers from losing power because they temporarily do not have a contractual relationship with a viable supplier, Eastern shall facilitate the continued delivery of power, such as by providing supply to such customers through the short-term wholesale power market, and allow for them to have a reasonable opportunity to make other supply arrangements, and shall fully recover its reasonable costs of providing such service. Such supply shall be provided on terms and conditions approved by the

Department.

- 8. Terms and Conditions. Eastern's terms and conditions in Attachment 4 have been modified to reflect the changes in Eastern's operations. In addition to modifications that are necessary to reflect changes to Eastern's business with its customers, the terms and conditions in Attachment 8 have been added to specify the terms and conditions for the settlement process with suppliers. Those requirements are designed to allocate load and resources as required under the NEPOOL agreement and protocols. These terms and conditions are recommended by Eastern for approval by the Department. However, approval is not a condition of the Settlement.
- 9. Inflation Cap for Standard Offer Customers. Eastern shall assure that the economic value of the ten percent rate reduction for customers is maintained by capping average revenues per kilowatthour for retail delivery service plus the standard offer, adjusted to exclude: (1) the fuel price index in Attachment 7; (2) any adjustments caused by the return on equity floor under Section I.B.2(f); and (3) changes in tax laws or accounting under Section I.B.2(g), at 9.15 cents per kilowatthour adjusted for the Consumer Price Index occurring between October 1, 1996 and the effective date of any adjustment to the standard offer price under Section I.B.1(d). Eastern shall defer expenses associated with payments to vendors under the standard offer equal to the amount necessary to meet the

inflation cap and recover such deferral using the mechanism in Section I.B.5(b).

C. Right to File for Rate Change in the Event that Retail Access Date Postponed

Nothing in this Settlement shall prevent the Parties from seeking a rate change to become effective after suspension on January 1, 2001 in the event that the Retail Access Date has not occurred by that time.

II. Benefits of Competition Extended to All Customers

Consumers First requires utilities to extend the benefits of competition to all customers.

This Settlement achieves that requirement by providing all customers with the opportunity to choose alternative suppliers on the Retail Access Date and by guaranteeing significant rate reductions for customers who take standard offer service prior to choosing an alternative supplier under the ratemaking portion of this Settlement.

This Settlement further requires Eastern to provide retail access and implement retail delivery rates on the Retail Access Date. Under this Settlement, this condition will be achieved when legislation, final regulatory or court action, or unchallenged settlements approved by the Department in a final order with all other investor-owned utilities are in place. In the event that retail access is not yet available to all customers of investor-owned utilities by January 1, 1998, Eastern in its sole discretion shall have the option to file for the Department's approval to accelerate the Retail Access Date under this Settlement, implement retail access for its customers, and make the tariffs in Attachment 2 effective by providing the Department and the Parties with 90 days advance notice in writing.

III. Protect the Environment and Promote Conservation.

The third element of *Consumers First* requires the restructuring plans of utilities to protect the environment and promote conservation. This Settlement complies with these requirements by requiring significant emissions reductions from Montaup's owned generating facilities located in Massachusetts and by continuing funding for demand-side programs including clean renewable resources. The Parties have agreed to the following terms:

A. Emissions Reductions.

Montaup or its successors in interest shall reduce emissions of NO_x and SO₂ from its

Somerset Station and its share of Canal No. 2 by the amounts and on the schedule and terms set forth in Attachment 9.

Nothing in this Settlement shall affect Montaup's obligations to comply with environmental regulations lawfully imposed or restrict the environmental regulators' authority to impose new environmental standards.

B. <u>Conservation and Load Management and Renewables.</u>

By August 1, 1997, Eastern shall develop and file with the Department annual budgets for demand-side ("DSM") programs and clean renewables for the period 1998 through 2001 based on the following rates per kilowatthour⁴.

Calendar Year	Mills per kWh	Annual Budget
1998	3.25	\$ 8,450,000
1999	3.55	9,230,000
2000	3.85	10,010,000
2001	4.00	10,400,000

An overrecovery balance of \$4,182,899 at January 1, 1997 shall be placed in a reserve account to be used to mitigate the phased-in increase in the conservation and load management ("C&LM") and renewables annual budgets throughout the period 1998 through 2001. Unexpended budgeted amounts from 1997 for DSM and/or renewables shall be used to support collaborative research on market transformation and other DSM issues⁵(\$100,000 to be supplied early in 1997) and to prefund the 1998 renewables amount as of January 1, 1998. At least 15 percent of the annual C&LM budget shall be spent on residential programs. At least 15 percent of the amount

⁴During any given year, Eastern shall reconcile actual spending, actual kWhs distributed times specified mill levels and Lost Base Revenue to the budgeted expenditures, with separate reconciliations for DSM and renewables, and shall carry forward any balance, positive or negative, into a reserve account to adjust program budget levels for the following year. The parties agree to work collaboratively to ensure that actual expenditures in 1998-2001 deviate from specified mills/kWh amounts as little as possible.

⁵The collaborative would include signatories and others interested in developing and implementing DSM and/or renewables plans.

budgeted for residential programs in any given year shall be spent on low income residential programs, and the amount budgeted for low income residential programs implemented through the existing weatherization and fuel assistance program network shall be a minimum of \$148,000 in 1998, \$175,000 in 1999, \$188,000 in 2000, and \$202,000 in 2001, provided that the performance of network contractors is of satisfactory quality to Eastern. For each of the following years listed below, funds shall be allocated within the annual budgets to commercialize and develop fuel cells and a diverse group of clean renewables in a manner approved by the Department, with collaborative input, based on the following rates per kilowatthour times the kilowatthours distributed by Eastern.

		Estimated
Calendar Year	Mills per kWh	Funds Available
1998	0.25	\$ 650,000
1999	0,55	1,430,000
2000	0.85	2,210,000
2001	1.25	3,250,000

The budgets shall also include expenditures, for the ECS program, Lost Base Revenues, expenditures for Eastern's demand-side management programs, a collaborative or collaboratives on energy efficiency and renewables, sophisticated metering and control systems, and overhead costs. The cost of sophisticated metering and control systems will not exceed \$800,000 over the period January 1, 1998 through December 31, 2001 and will not exceed \$400,000 in any given calendar year.

Eastern will make every effort to invest in cost-effective C&LM and renewables.

However, because of the maturity of its C&LM effort, the relative high cost of new technologies that will be targeted in market transformation initiatives, and the relative immaturity of renewables technologies, Eastern may invest in some C&LM and renewables that do not pass individual benefit-cost analyses.

While the Department will decide the appropriate level for ongoing conservation, load management and renewables funding after December 31, 2001, Eastern, the Attorney General, and DOER jointly recommend that evaluation of funding after this date be informed by review of the then current market barriers and experience gained with the competitive energy markets and customer choice established in this Agreement, and should further be based upon environmental and economic goals to be achieved by such funding established by the Department through appropriate proceedings. Ongoing commercialization support for fuel cells and clean renewable technologies beyond December 31, 2001 should also be based on a goal of supplying at least four percent of Massachusetts electricity kilowatthour sales from such new, clean technologies by the end of 2007.

Generation technologies potentially eligible for commercialization support, subject to

Department review, shall include a diverse group of low and zero emissions generation

technologies with substantial long-term, cost-effective regional production potential which utilize

any of the following:

- a) solar photovoltaic and solar thermal electric energy;
- b) wind energy;

- c) ocean thermal, wave and/or tidal energy;
- d) fuel cells;
- e) landfill gas; and
- f) low emission advanced biomass power conversion technologies like gasification using such biomass fuels as wood, agricultural, or food wastes; energy crops, biogas, or organic refuse-derived fuel.

While the Department will decide how funds shall be allocated based on input from a collaborative process, the commercialization of clean generating technologies should be accomplished in a least cost manner through an appropriate competitive bidding process. Optimal use should be made of competitive bidding in funding commercialization activities.

Commercialization activities shall also attempt to promote as diverse a group of clean technologies as is practical and ensure no single resource or technology dominates commercialization efforts.

Eastern will support pilot projects in 1997 through a collaborative or collaboratives on energy efficiency and renewables funded out of the budget for cost of conservation and load management approved by the Department for 1997 to assess candidate renewable technologies, their costs and where they make sense, and conservation and load management technologies that can be used in reducing or avoiding distribution system costs. Operational procedures to invest in clean distributed generation and geographically-targeted DSM that lower distribution service costs should be implemented as soon as is practical.

Clean distributed generation of 30 kilowatts or less which include fuel cells, renewables and small scale cogeneration shall remain eligible for "net metering" as provided for in existing Department regulations regarding the buy-back of generating power at the retail rate.

IV. Protect Low Income Customers.

The fourth principle in *Consumers First* focuses on the continued protection of low income customers. Eastern's plan complies with this principle by continuing the low income discount Rate R-2 to provide customers taking standard offer service the same 35 percent discount on the base rate as presently received. The discount shall be applied exclusively to the distribution component of the rate to assure the same level of discount regardless of the supplier and to allow operation of the reconciling access and transmission charges. The recovery of the discount from Eastern's other customers is based on distribution rate base in accordance with the practice in prior cases.

In order to protect against redlining by suppliers, Eastern will create an option under which suppliers can bill Eastern Edison directly for electricity delivered up to the prices for Standard Offer Service for Rate R-2 customers, and Eastern will assume all credit risks including the risk of non-payment, associated with these customers.

Electric service is essential and should be available to all customers. The restructured electricity industry should provide adequate safeguards to assure universal service. Programs and mechanisms that enable residential customers with low incomes to manage and afford essential electricity requirements will be maintained throughout the period of the settlement in order to

foster the goal of universal service.

V. Create a Fully Functioning Stable and Reliable Structure for the Competitive Market.

The final principle in *Consumers First* focuses on the institutional structure and protections necessary to prevent unfair and anti-competitive conduct, and to maintain reliable and safe electricity supplies. These industry structure issues focus on the region as a whole and the corporate structure of Eastern and its affiliates within the EUA System.

A. Regional Reform.

The regional issues center on the formation of a regional transmission group, an independent system operator and NEPOOL reform. Eastern and Montaup have participated actively in these issues. Montaup and Eastern shall continue to support regional reform and shall consult with the parties to this Settlement to develop mutually agreeable approaches to the issues that are consistent with the terms of this Settlement. However, this Settlement is not conditional upon the adoption, approval, or implementation of the filed NEPOOL proposal.

B. The Jurisdictional Separation Between Transmission and Distribution.

In Order 888, FERC set forth a seven factor test for determining whether facilities used to provide access to retail customers are subject to the ratemaking jurisdiction of FERC under the Federal Power Act or of the Department under state law. Attachment 10 provides a specific evaluation of FERC's seven factors as applied to the separation of facilities between Eastern and Montaup. The parties agree that all of Eastern's facilities, except for those that are paid for by Montaup pursuant to FPC No. 15, meet FERC's seven factor test for designation as distribution

facilities subject to the Department's jurisdiction, and the parties support an affirmative recommendation by the Department to FERC that the current separation between the transmission facilities owned by Montaup and distribution facilities owned by Eastern be adopted by FERC for ratemaking purposes as part of the approval of this Settlement. However, approval of the jurisdictional separation of facilities without change is not a condition of this Settlement.

C. <u>Transfer of Transmission Properties and Facilities.</u>

Montaup shall develop and file with the Department by July 1, 1997 to separate its generating business from its transmission business.

D. <u>Divestiture of Montaup's Generating Business.</u>

1.

Consistent with the restructuring plan advanced by the DOER, Montaup agrees, subject to the receipt of all required governmental approvals, to lease, sell, spin off, or otherwise dispose of its generating business to a nonaffiliated entity or entities, other than properties, assets, and entitlements classified to be the transmission function. The parties intend that the properties to be divested shall also include properties currently in FERC Account 105 Land Held for Future Use and FERC Account 121 Nonutility Property. Montaup shall develop and file by July 1, 1997 a plan with the Department to implement divestiture. This plan shall include in particularized detail the generating business to be divested and shall be updated with an informational filing 90 days before the date of divestiture. The Department shall review the plan and shall issue a final order on the method of sale and the

reasonableness of the proceeds as part of its plan approval. The divestiture shall be completed by six months after the later of the Retail Access Date or the receipt of all governmental approvals necessary for the transfer. If, for any reason, the divestiture is not completed within three years of the Retail Access Date, Montaup shall file a report with the Department explaining the delay.

2. As part of the divestiture, Montaup will endeavor to sell, lease, assign, or otherwise dispose of its minority shares of nuclear units on terms that will assign ongoing operating costs and responsibility to a nonaffiliated third party but may require Montaup to retain the obligation for post-shutdown, decommissioning, and site restoration for these units. Montaup shall recover these post-shutdown, decommissioning, and site restoration costs from Eastern through the contract termination charge, and shall credit any net positive value or recover any payments associated with such transaction in the Reconciliation Account of the contract termination charge. The Parties agree that this approach is reasonable and Montaup is authorized to include it in its divestiture plan. This plan will be subject to approval of the Nuclear Regulatory Commission ("NRC") to the extent required by NRC regulations. In the event that Montaup is unable to sell, lease, assign, or otherwise dispose of its nuclear units, Montaup shall include 80 percent of the going forward costs of operating the units, including variable costs and capital additions, and 80 percent of the revenues from sales of energy and capacity from

such units, in the Reconciliation Account and recover or return any difference through its contract termination charges to Eastern. Within six months prior to implementing the Performance Based Rate set forth in the prior sentence, Montaup will consult with the parties on a performance standard for nuclear safety indicators and will file such performance standard with a maximum potential credit for nonperformance of \$250,000. Montaup's sales, if any, from its nuclear units shall not be made directly to retail customers of Eastern and may be used by Montaup to fulfill its backstop obligations under the standard offer.

- 3. As part of the divestiture, Montaup will endeavor to sell, assign or otherwise dispose of its power contracts on terms that will assign ongoing contract payments to a nonaffiliated third party. In that event, changes to the above market payment to power suppliers shall be reflected in the Reconciliation Account. In the event that such contracts cannot be sold, assigned, or otherwise disposed of, the power purchased from those contracts shall be sold and the contract payments and market value associated with the sale shall be reflected in the Reconciliation Account. Such sales, if any, shall not be made directly to retail customers of Eastern and may be used by Montaup, to fulfill its backstop obligations under the standard offer. Nothing in this Settlement shall affect the rights of suppliers or Montaup under purchased power contracts.
- 4. In this proceeding, the Department and intervenors have expressed the goals of

attaining a market valuation of utility stranded costs and creating a competitive market for supplying electricity to consumers. The Department has expressed a preference for voluntary divestiture of utility generation as a means of achieving these goals. The Department has stated that is "has the authority to approve the voluntary divestiture of assets," but that it has "no explicit statutory authority [to] order divestiture, nor is it likely to be implied." (D.P.U. 95-30, August 16, 1995). Montaup and Eastern have asserted that the Department lacks authority to order divestiture, and would contest any effort by the Department to do so. Montaup and Eastern have agreed, as part of this Settlement, voluntarily to undertake such divestiture. In exchange, and as consideration for this voluntary divestiture, the parties to this Settlement, and the Department by its approval of this Settlement, agree that Montaup's contract termination charges as set forth in Attachment 3 to Eastern and Eastern's access charges as set forth in Section I.B.1(c) for the period contemplated by this Settlement are just and reasonable. Accordingly, and to give effect to the reliance placed by the parties on the foregoing, the Department shall treat the findings that such contract termination charges and access charges are just and reasonable as a final determination made after public notice and a full investigation of the merits, and, in any future proceeding brought by any person or party, or by the Department on its own motion, shall accord such finding the full benefit of policies of repose including, without limitation, the applications of the

doctrines of res judicata, collateral estoppel, the filed rate doctrine, the prohibition against retroactive ratemaking, and the finality of contracts, it being the express intention of the parties to prevent, as a matter of law and policy, the Department or any other authority from: (a) revisiting the issue of the justness and reasonableness of the contract termination charges and the access charges; (b) reducing, other than as set forth in Attachment 3, the amount of the contract termination charges or the access charges; or (c) otherwise limiting the right of Montaup, its successors or assigns, or Eastern to charge and recover the contract termination charges or the access charges set forth in this Settlement for any reason prior to their recovery in full as contemplated by this Settlement.

To facilitate the divestiture and valuation of Montaup's units, the parties agree that it is in the public interest for Montaup or its successors or assigns to be authorized to sell electricity at market prices in either the wholesale or retail markets, and that Montaup or its successors or assigns shall be free to apply to become an exempt wholesale generator pursuant to Section 32 of the Public Utility Holding Company Act of 1935 and other Federal law, rules and regulations, and to designate each and every generating facility and entitlement it owns as an eligible facility pursuant to that statute. Approval of this Settlement by the Department shall represent express findings by the Department that it has sufficient regulatory authority, resources, and access to books and records to exercise its duties, and that the full

5.

participation of Montaup in the market and the designation of each of its facilities as eligible facilities will benefit consumers, is consistent with existing state laws, will not provide any unfair competitive advantage by virtue of its status as a facility owned or formerly owned by Montaup, and is in the public interest.

Nothing in this Settlement shall prevent affiliates of Montaup from reentering the generation business following the completion of divestiture, and nothing in this Settlement shall prevent affiliates of Montaup from marketing electricity, other energy sources, or energy services to customers within or outside Eastern's service territory.

E. Customer Service Standards

Minimum residential customer service safeguards and protections for consumers in their dealings with competitive power suppliers, as provided by statute or the rules of the Department, should be maintained.

VI. Successors and Assigns

The rights conferred and obligations imposed on any Signatory by this Settlement shall be binding on or inure to the benefit of their successors in interest or assignees as if such successor or assignee was itself a Signatory hereto.

VII. Additional Provisions.

- A. This Settlement is the product of settlement negotiations. The content of those negotiations shall be privileged and all offers of settlement shall be without prejudice to the position of any party or participant presenting such offer.
- B. Except as expressly set forth above, this Settlement is submitted on the conditions that it be approved in full by the Department and that FERC approve in full the wholesale rate settlement included in Attachment 3 and on the further conditions that if the Department does not approve the Settlement in its entirety or FERC does not approve the wholesale rate settlement in its entirety, the Settlement shall be deemed withdrawn and shall not constitute a part of the record in any proceeding or used for any purpose.
- C. Acceptance of this Settlement by the Department shall not be deemed to restrain the Department's exercise of its authority to promulgate future orders, regulations or rules which resolve similar matters affecting other parties in a different fashion provided, however, that approval of this Settlement by the Department shall represent an express grant by the Department of a waiver for Eastern and Montaup of any rule, requirement or regulation promulgated by the Department under existing statutes as part of its proceeding on utility restructuring that are inconsistent with the terms of this Settlement and the wholesale rate settlement. Nor shall this Settlement be deemed to restrain the authority of the General Court to enact any law which would resolve the matters covered by this Settlement in a different fashion.

D. The Department approval of this Settlement shall endure so long as is necessary to fulfill this Settlement's objectives. In the event of future regulatory actions other than actions required by legislative actions taken prior to the Retail Access Date or legislative actions after the Retail Access Date which may render any part of this Settlement ineffective, Eastern and Montaup shall nevertheless be held harmless and made whole through rates to Eastern's customers.

IN WITNESS WHEREOF, each of the Signatories has executed this Agreement intending to be bound by its terms.

Electric Utility Restructuring Settlement Agreement D.P.U. Docket Nos. 96-100 96-24

George B. Dean

Assistant Attorney General

Chief, Regulated Industries Division

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200 Portland Street

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SCOTT HARSHBARGER ATTORNEY GENERAL

May 16, 1997

D.P.U. Docket Nos. 96-100 96-24

Electric Utility Restructuring Settlement Agreement

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Electric Utility Restructuring Settlement Agreement

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ATTACHMENT 1

EASTERN EDISON COMPANY UNBUNDLED RATES AND SUPPORTING DOCUMENTATION

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 1 UNBUNDLED RATES AND SUPPORTING DOCUMENTATION

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ATTACHMENT I

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 1 UNBUNDLED RATES AND SUPPORTING DOCUMENTATION

OVERVIEW

OVERVIEW

SUMMARY OF UNBUNDLED RATES

The documents contained in this Attachment include the proposed unbundled tariffs, workpapers supporting the unbundled rate design, the allocated cost of service study and an illustrative customer bill.

A comparison of the present and unbundled rate charges is on pages 45 to 52. The present base rates are those filed by the Company on January 7, 1993 per order in D.P.U. 92-148. The proposed unbundled rates retain the Customer charge, and distribute the present Demand and Energy charges into Distribution/Access, Transmission and Generation Charges. The proposed effective date for the Unbundled Rates is July 1, 1997. These rates will remain in effect until the Retail Access Date.

The Company's rate design proposal was developed as follows:

- The first step in the design process was to develop revenue-neutral unbundled rates for all rate classes based on the test year ending June 30, 1996.
- In the second step, the test year Unbundled Rates were adjusted for the provisions described below:
 - The <u>Customer Charge</u> is retained and recovers a portion of the Distribution costs. The <u>Distribution/Access Charge</u> is the sum of individual charges for Access costs, Distribution costs and Conservation costs. The <u>Transmission Charge</u> recovers the Network Transmission costs billed to Eastern Edison by Montaup Electric Company. The <u>Generation Charge</u> serves as a placeholder for the charges billed by alternative suppliers or for the future Company Standard Offer charge.
 - The Fuel Cost Adjustment ("FCA") clause, M.D.P.U. No. 337, has been modified to allow reconciliation of any balance that exists after the Retail Access Date. The obsolete, 1982 forward-looking fuel clause transition provision has also been removed.
 - The Purchase Power Cost Adjustment Clause ("PPCA") M.D.P.U. No. 245
 will be eliminated as of January 1, 1997 and the current PPCA charge will be
 rolled into base rates by adding the PPCA E-9R amount of (\$.00501) per
 kilowatthour and the PPCA E-11 reconciliation adjustment of \$0.00096 per
 kilowatthour to base rates.
 - The Conservation Cost Adjustment ("CCA") M.D.P.U. No. 302 will be eliminated on January 1, 1997 and the CC and LBR charges are rolled into base rates.

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- The Conservation Service Charge ("CSC") clause M.D.P.U. No. 182 will be eliminated on January 1, 1997 and the CSC is rolled into base rates by adding the current CSC factor of \$0.13 per customer-month to base rates.
- Effective on July 1, 1997, Eastern shall close, or cease to offer, to new customers the following rate and rate riders:

Large Primary Voltage Auxiliary General Service Rate A-6 Economic Development Rate Rider ED Interruptible Load Rider ILR

ALLOCATED COST OF SERVICE STUDY

The starting point for the unbundled rate design was the Company's Allocated Cost of Service Study for the test period ending June 30, 1996. The study is on pages 71 to 147. The methodology used to functionalize and allocate test year costs is consistent with the methodology used in prior studies filed with the Department. The study classifies test year costs into one of four functional cost components. These cost components are Production Demand, Production Energy, Distribution and Customer related.

Production Demand costs include all purchased power costs as well as Network Transmission charges from Montaup Electric Company and test year Conservation Costs. Production Energy Costs are fuel purchases and fuel related expenses. Distribution and Customer costs are the expenses and return on investment of plant and equipment necessary to maintain the Company's distribution system. A summary of the functionalized costs by rate class is on pages 65 to 68.

The cost of service study results show a levelized revenue requirement for each class, i.e. the revenue needed from each class in order to produce a return on investment identical to the system average return. In order to design rates that are revenue neutral for every class, the difference between present revenues and cost of service revenues is calculated and the excess or deficiency is allocated to the Distribution and Customer cost functions.

PROPOSED RATES

Generation Service Charge. Generation Service charges are fixed at a system average charge of \$.028 per kilowatthour. Included in this fixed charge is a system test year ending June 30, 1996 average fuel cost of \$.01889 per kilowatthour. A generation service revenue requirement is calculated by multiplying the fixed charge by rate class test year sales.

<u>Transmission Charges</u>. The calculation of Network Transmission costs is shown on page. The methodology used to calculate transmission costs is specified in Montaup Electric Company's Open Access Transmission Tariff filed with the FERC on July 9, 1996. The Network transmission costs are allocated to each rate class using the Company's

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Probability of Dispatch allocation factor. For all rate classes the Transmission Charge is a kilowatthour charge.

<u>Distribution/Access Charges.</u> The distribution/access charges collect all remaining test year costs which include distribution facilities costs, access costs and conservation costs. Access costs are the costs associated with contract termination fees paid by an electric distribution company to its wholesale power supplier. The Distribution/Access charges are calculated by subtracting the sum of the Transmission and Generation Service Charges from the present demand and energy charges. For the purposes of the calculation, present rates are the currently effective base rates plus the rolled-in FCA and PPCA charges.

<u>Conservation Charges.</u> The following amounts have been rolled-in to the base Distribution/Access Charge:

\$.00174 per kilowatthour
\$.00177 per kilowatthour
\$.00205 per kilowatthour
\$.00168 per kilowatthour
\$.00434 per kilowatthour
\$.00436 per kilowatthour
\$.00409 per kilowatthour
\$.00378 per kilowatthour
\$.00370 per kilowatthour
\$.00436 per kilowatthour
\$.00368 per kilowatthour
\$.00140 per kilowatthour
\$.00355 per kilowatthour

NEW STREETLIGHT OFFERINGS

Eastern Edison is now proposing to offer Metal Halide floodlights to its customers. Proposed prices for these lights are included in Rate S-1.

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ILLUSTRATIVE CUSTOMER BILL

A copy of an illustrative customer bill is shown on page 158.

ATTACHIVIENTT

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 1 UNBUNDLED RATES AND SUPPORTING DOCUMENTATION

PROPOSED UNBUNDLED TARIFFS

ATTACHMENT 1

EASTERN EDISON COMPANY

RATE SCHEDULE INDEX

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EASTERN EDISON COMPANY UNBUNDLED RESIDENTIAL SERVICE RATE R-1

AVAILABILITY:

This Rate Schedule is available only to residential Customers.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for predominantly domestic purposes in an individual apartment, condominium, private home, other private dwelling or condominium common area.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be single phase or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

<u>Customer Charge:</u>	\$1.63	per month
Distribution/Access Energy Charge:	\$0.07858	per kWh
Transmission Charge:	\$0.00225	per kWh
Generation Charge:	\$0.00911	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

BILLING:

The Billing Amount for electric service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

Date Filed, May 16, 1997

- 2 -

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED LOW INCOME RESIDENTIAL SERVICE RATE R-2

AVAILABILITY:

This Rate Schedule is available to any residential Customer who is the head of household or principal wage earner and who meets either of the following criteria:

- The Customer is presently receiving:
 - (a) Supplemental Security Income from the Social Security Administration, or
 - (b) Aid to Families with Dependent Children; Economic Assistance for the Elderly, Disabled, and Children; Medicaid; Refugee Resettlement assistance; or Food Stamps from the Massachusetts' Department of Public Welfare, or
 - (c) Low Income Heating Energy Assistance ("LIHEAP") from a certified Community Action Program Agency, or
 - (d) Veteran's Service Benefits (Chapter 115) from the Massachusetts' Veteran Services Administration.
- The Customer had received General Relief from the Massachusetts' Department of Public Welfare at anytime during the period of January 1, 1990, through December 31, 1991.

The Customer will be required to annually certify his or her continued eligibility for this Rate Schedule. Service under this Rate Schedule will commence with the first billing period following the date on which the Company receives verification of the Customer's eligibility from the certifying Government Agency.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for predominantly domestic purposes in an individual apartment, condominium, private home, or other private dwelling.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be single phase or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$1.11	per month
Distribution/Access Energy Charge:	\$0.04554	per kWh
Transmission Charge:	\$0.00225	per kWh
Generation Charge:	\$0.00911	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

BILLING:

The Billing Amount for electric service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY UNBUNDLED RESIDENTIAL SPACE HEATING SERVICE RATE R-3

AVAILABILITY:

This Rate Schedule is available only to residential Customers where electricity, or electricity in conjunction with a renewable energy source, is the sole source of energy used for comfort heating and water heating.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for predominantly domestic purposes in an individual apartment, condominium, private home, other private dwelling or condominium common area.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be single phase or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$2.13	per month
Distribution/Access Energy Charge:	\$0.06632	per kWh
Transmission Charge:	\$0.00221	per kWh
Generation Charge:	\$0.00911	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

Date Filed, May 16, 1997

BILLING:

The Billing Amount for electric service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED TIME-OF-USE RESIDENTIAL SERVICE RATE R-4

AVAILABILITY:

This Rate Schedule is available only to residential Customers.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for predominantly domestic purposes in an individual apartment, condominium, private home, other private dwelling or condominium common area.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be single phase or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$8.95	per	month
Distribution/Access Energy Charge: kWh used during			
Peak Hours:	\$0.18408	per	kWh
Off-Peak Hours:	\$0.03683	per	kWh
Transmission Charge:	\$0.00225	per	kWh
Generation Charge: kWh used during			٠.
Peak Hours:	\$0.00911	per	kWh
Off-Peak Hours:	\$0.00000	per	kWh

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m. October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours
All other hours.

Date Filed, May 16, 1997

Holidays are defined as:

New Year's Day President's Day Memorial Day Independence Day Labor Day Columbus Day Veteran's Day Thanksgiving Day Christmas Day

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, the Transmission Charge, the Generation Charges and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED SMALL SECONDARY VOLTAGE GENERAL SERVICE RATE G-1

AVAILABILITY:

This Rate Schedule is available only to Customers whose actual or estimated annual maximum monthly demand is less than 10 kW and whose actual or estimated annual energy consumption is less than 36,000 kWh.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$1.63	per month
Distribution/Access Energy Charge:	\$0.08929	per kWh
Transmission Charge:	\$0.00226	per kWh
Generation Charge:	\$0.00911	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

BILLING:

The Billing Amount for electric service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

Date Filed, May 16, 1997

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED MEDIUM SECONDARY VOLTAGE GENERAL SERVICE RATE G-2

AVAILABILITY:

This Rate Schedule is available only to Customers whose actual or estimated annual maximum monthly demand is at least 10 kW but less than 500 kW or whose actual or estimated annual energy consumption is 36,000 kWh or more.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$8.19	per month
Distribution/Access Demand Charge:	\$12.08	per kW
Distribution/Access Energy Charge:	\$0.02659	per kWh
Transmission Charge:	\$0.00224	per kWh
Generation Charge:	\$0.00911	per kWh

DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the lower of the maximum metered 15 minute average load within the billing period or the monthly energy consumption divided by 120.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

Date Filed, May 16, 1997

BILLING:

The Billing Amount for electric service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY UNBUNDLED LARGE SECONDARY VOLTAGE GENERAL SERVICE RATE G-4

AVAILABILITY:

This Rate Schedule is mandatory for all Customers whose actual or estimated annual maximum monthly demand is 500 kW or more.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$19.94	per month
Distribution/Access Demand Charge:	\$12.00	per kW
Distribution/Access Energy Charge: kWh used during		
Peak Hours: Off-Peak Hours:	\$0.03507 \$0.02607	per kWh per kWh
Transmission Charge:	\$0.00225	per kWh
Generation Charge:	\$0.00911	per kWh

Peak Hours

Monday through Friday excluding holidays defined below.

April through September, 11:00 a.m. to 4:00 p.m.

October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours

All other hours.

Holidays are defined as:

New Year's Day Columbus Day
President's Day Veteran's Day
Memorial Day Thanksgiving Day
Independence Day Christmas Day
Labor Day

Date Filed, May 16, 1997

DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the maximum metered 15 minute average load during Peak Hours within the billing period, except for those Customers that were taking service from the Company under former <u>General Service Rate No. 21</u> before January 24, 1989, where the Billing Demand in kilowatts for each billing period will be the lower of the maximum metered 15 minute average load during Peak Hours within the billing period or the monthly energy consumption divided by 120.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

BILLING:

The Billing Amount for electric service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED MEDIUM PRIMARY VOLTAGE GENERAL SERVICE RATE G-5

AVAILABILITY:

This Rate Schedule is mandatory for all Customers whose actual or estimated annual maximum monthly demand is at least $100~\mathrm{kW}$ but less than $500~\mathrm{kW}$.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available primary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$48.89	per month
Distribution/Access Demand Charge:	\$9.50	per kW
Distribution/Access Energy Charge: kWh used during		
<u>Peak Hours:</u>	\$0.04164	per kWh
Off-Peak Hours:	\$0.03354	per kWh
Transmission Charge:	\$0.00222	per kWh
Generation Charge:	\$0.00911	per kWh

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m. October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours

All other hours.

Holidays are defined as:

New Year's Day President's Day Memorial Day Independence Day Labor Day Columbus Day Veteran's Day Thanksgiving Day Christmas Day

Date Filed, May 16, 1997

DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the maximum metered 15 minute average load during Peak Hours within the billing period.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

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BILLING:

The Billing Amount for electric service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED LARGE PRIMARY VOLTAGE GENERAL SERVICE RATE G-6

AVAILABILITY:

This Rate Schedule is mandatory for all Customers whose actual or estimated annual maximum monthly demand is 500 kW or more.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available primary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$48.89	per month
Distribution/Access Demand Charge:	\$9.50	per kw
Distribution/Access Energy Charge: kWh used during		
Peak Hours:	\$0.04145	per kWh
Off-Peak Hours:	\$0.03335	per kWh
Transmission Charge:	\$0.00226	per kWh
Generation Charge:	\$0.00911	per kWh

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m.

October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Date Filed, May 16, 1997

Off-Peak Hours
All other hours.

Holidays are defined as:

New Year's Day President's Day Memorial Day Independence Day Labor Day Columbus Day Veteran's Day Thanksgiving Day Christmas Day

DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the maximum metered 15 minute average load during Peak Hours within the billing period.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

BILLING:

The Billing Amount for electric service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

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M.D.P.U. NO. 331 CANCELS NO. 290

EASTERN EDISON COMPANY UNBUNDLED MEDIUM TOU SECONDARY VOLTAGE GENERAL SERVICE RATE T-2

AVAILABILITY:

This Rate Schedule is available only to Customers whose actual or estimated annual maximum monthly demand is at least 10 kW but less than $500~\rm kW$ or whose actual or estimated annual energy consumption is $36,000~\rm kWh$ or more.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$14.41	per month
Distribution/Access Demand Charge:	\$12.49	per kW
Distribution/Access Energy Charge: kWh used during Peak Hours: Off-Peak Hours:	\$0.03334 \$0.02434	per kWh per kWh
Transmission Charge:	\$0.00224	per kWh
Generation Charge:	\$0.00911	per kWh

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m.

October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours
All other hours.

Holidays are defined as:

New Year's Day President's Day Memorial Day Independence Day Labor Day

Columbus Day Veteran's Day Thanksgiving Day Christmas Day

DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the maximum metered 15 minute average load during Peak Hours within the billing period.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

BILLING:

The Billing Amount for electric service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED LARGE PRIMARY VOLTAGE AUXILIARY GENERAL SERVICE RATE A-6

AVAILABILITY:

Upon execution of a separate written contract for Auxiliary Electric Power Service ("Contract") with the Company, this Rate Schedule is available to any Customer furnishing its own electric power supply ("Facility") for all or part of its total electric service requirements provided that:

- the Customer was taking service under this Rate Schedule, before March 1, 1997;
- 2. the Customer's total electric service requirements are greater than $500\ kW$, and
- 3. the Net Capability of the Facility is at least 100 kW but less than 1,000 kW and the Facility is designed to provide at least 20% of the Customer's total electric service requirements, or the Net Capability of the Facility is 1,000 kW or more.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for Supplementary Power, Backup Power, and Maintenance Power purposes only.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be three phase, alternating current, at a frequency of sixty Hertz, and at a locally available primary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$53.03	per month	
Distribution/Access Usage Demand Charge:	\$7.17	per kW	
Distribution/Access Reservation Demand Charge:	\$2.33	per kW	
Distribution/Access Energy Charge: kWh used during Peak Hours Off-Peak Hours	\$0.04150 \$0.03340	per kWh per kWh	
Transmission Charge:	\$0.00226	per kWh	
Generation Charge:	\$0.00911	per kWh	

Date Filed, May 16, 1997

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m. October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours

All other hours.

Holidays are defined as:

New Year's Day President's Day

Memorial Day

Independence Day

Columbus Day

Veteran's Day

Thanksgiving I

Christmas Day Labor Day

Columbus Day Veteran's Day Thanksgiving Day

DETERMINATION OF BILLING PERIODS:

Billing Period a.

The Billing Period consists of the days between consecutive meter readings. Service under this Rate Schedule is rendered on a full calendar day basis. The first day of any Billing Period is included in its entirety and the last day of any Billing Period is excluded in its entirety.

Backup Billing Period

The Backup Billing Period consists of the Peak Period days within a Billing Period during which Backup Service is rendered. Backup Service is rendered when any part of a forced outage occurs during Peak Period hours and electricity is actually taken.

c. Maintenance Billing Period

The Maintenance Billing Period consists of the Peak Period days within a Billing Period during which Maintenance Service is rendered. Maintenance Service is rendered when any part of a planned outage occurs during Peak Period hours and electric service is actually taken.

DETERMINATION OF BILLING DEMANDS:

a. Supplementary Demand

The Supplementary Demand in kilowatts is the sum of the maximum metered 15 minute average load recorded during Peak Hours within a Billing Period excluding Backup and Maintenance Billing Periods and the maximum metered 15 minute average load recorded during Peak Hours in excess of the Net Capability of the Facility during Backup and Maintenance Billing Periods.

b. Backup Usage Demand

The Backup Usage Demand in kilowatts is the Average Daily Demand in excess of the Supplementary Demand, where the Average Daily Demand is the sum of the daily maximum metered 15 minute average loads recorded during Peak Hours within the Backup Billing Period divided by the number of days in the Backup Billing Period.

c. Backup Reservation Demand

The Backup Reservation Demand in kilowatts is the Contract Demand in excess of the Supplementary Demand.

d. Maintenance Usage Demand

The Maintenance Usage Demand in kilowatts is the maximum metered 15 minute average load recorded during Peak Hours within the Maintenance Billing Period in excess of the sum of the Supplementary Demand and the Backup Reservation Demand.

DETERMINATION OF BILLING DEMAND CHARGES:

a. Supplementary Demand Charge

The Supplementary Demand Charge shall be the Supplementary Demand times the sum of the Distribution/Access Usage Demand Charge and the Distribution/Access Reservation Demand Charge.

b. Backup Usage Demand Charge

The Backup Usage Demand Charge shall be the Backup Usage Demand times the Distribution/Access Usage Demand Charge times the ratio of the number of Backup Billing Period Days to the number of Billing Period Peak days.

Backup Reservation Demand Charge

The Backup Reservation Demand Charge shall be the Backup Reservation Demand times the Distribution/Access Reservation Demand Charge.

Date Filed, May 16, 1997

d. Maintenance Usage Demand Charge

The Maintenance Usage Demand Charge shall be the Maintenance Usage Demand times the Distribution/Access Reservation Demand Charge times the ratio of the number of Maintenance Billing Period Days to the number of Billing Period Peak Days.

BACKUP POWER:

The Contract will specify the Customer's maximum Backup Power requirements. Said Backup Power requirements must be determined by the Company to be reasonable given the design specifications and operating characteristics of the Customer's own electrical energy supply source, and other such information the Company considers pertinent to the determination of the appropriate Backup Power requirements of the Customer. The Customer's maximum Backup Power requirements shall be deemed the Contract Demand. The Contract Demand shall not exceed the Net Capability of the Facility.

The Contract Demand will be in effect for a period of one year and shall continue thereafter unless amended in writing by mutual agreement between the Company and the Customer, or automatically amended as hereinafter provided. Each such amended Contract Demand shall be in effect for the period of one year from the date specified in the amended agreement and shall continue thereafter or until superseded by another amended Contract Demand.

In the event the Customer's maximum metered demand exceeds the Contract Demand in any Backup Billing Period, the Contract Demand shall be automatically amended to an amount equal to said metered demand beginning with the Backup Billing Period in which said metered demand occurred. Each such automatically amended Contract Demand shall be in effect for a period of one year and shall continue thereafter or until superseded by another amended Contract Demand.

MAINTENANCE POWER:

The Company agrees to furnish Maintenance Power to the Customer at times convenient to the Company. The Contract will specify the Customer's expected Maintenance Power requirements, expected frequency and duration of Maintenance Power periods, and expected calendar schedule of Maintenance Power periods. Said Maintenance Power requirements, frequency, duration, and schedule must be determined by the Company to be reasonable given the design specifications and operating characteristics of the Customer's own electrical energy source, and other such information the Company considers pertinent to the determination of appropriate Maintenance Power requirements, frequency, duration, and schedule for the Customer. The Customer shall make all requests for Maintenance Power in writing at least fourteen (14) days prior to a planned outage of its electrical energy supply source, and the Company will consent to such requests in writing, which consent shall not be unreasonably withheld.

Date Filed, May 16, 1997

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RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

BILLING:

The Billing Amount for electric service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, Supplementary Demand Charge, the Backup Usage Demand Charge, the Backup Reservation Demand Charge, the Maintenance Usage Demand Charge, the Distribution/Access Energy Charges, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the sum of the Customer Charge and the Backup Reservation Demand Charge.

Electric service charges, determined under this Rate Schedule will be calculated separately for each Billing Period using the appropriate billing determinants for the Billing Period. Bills rendered for Short Billing Periods will be prorated on the ratio of the number of days of the Short Billing Period to the number of days of the Normal Billing Period that the Short Billing Period lies within.

The Customer shall notify the Company of all outages of the Facility within three (3) business days following the end of a Billing Period. Where the Customer fails to notify the Company, billing will be rendered as if the Company furnished only Supplementary Power during the entire Billing Period.

INTERCONNECTION REQUIREMENTS:

The Customer will execute a separate written Interconnection Agreement in accordance with the Company's <u>Interconnection Guidelines for Small-Scale Generators</u> in effect from time to time.

TERM OF CONTRACT:

The Term of Contract shall be one year and shall continue thereafter until terminated by either the Company or the Customer by written notice given to the other party at least thirty (30) days prior to the date of termination specified in such notice.

Date Filed, May 16, 1997

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OTHER TERMS AND CONDITIONS:

"Backup Power" means electrical energy and capacity supplied by the Company to replace energy and capacity ordinarily provided by the Facility during an unscheduled outage of the Facility.

"Billing Period" means either a Normal Billing Period or a Short Billing Period.

"Maintenance Power" means electrical energy and capacity supplied by the Company to replace energy and capacity ordinarily provided by the Facility during an scheduled outage of the Facility.

"Net Capability" means the design net electrical capability of the Facility under International Standards Organization ("ISO") conditions.

"Normal Billing Period" means the time period between two consecutive billing cycle dates during which electric service is rendered.

"Peak Day" means any day which contains Peak Hours.

"Short Billing Period" means the time period between a starting meter reading date and the next billing cycle date or the time period between a previous billing cycle date and an ending meter reading date during which electric service is rendered.

"Supplementary Power" means electrical energy and capacity supplied by the Company regularly used by the customer in addition to that which is provided by the Facility itself.

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED GENERAL SPACE HEATING SERVICE RATE H-1

AVAILABILITY:

This Rate Schedule is available only to non-residential Customers where electricity, or electricity in conjunction with a renewable energy source, is the sole source of energy used for comfort heating and water heating.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for predominantly domestic purposes in buildings used principally for living quarters, and in buildings regularly used for educational and religious purposes.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$6.13	per month
Distribution/Access Energy Charge:	\$0.07164	per kWh
Transmission Charge:	\$0.00225	per kWh
Generation Charge:	\$0.00911	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

Date Filed, May 16, 1997

BILLING:

The Billing Amount for electric service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED GENERAL HEATING SERVICE RATE H-2

AVAILABILITY:

This Rate Schedule is available only to Customers that were taking service from the Company under former <u>General Heating Service Rate No. 35</u> before January 24, 1989, where electricity, or electricity in conjunction with a renewable energy source, is the source of energy used for the purposes specified below.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for space heating, cooking, air conditioning, and water heating for other than industrial purposes. Electricity furnished hereunder shall be metered separately and electric service for other purposes will be furnished under other applicable Rate Schedules.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$1.63	per month
Distribution/Access Energy Charge:	\$0.07265	per kWh
Transmission Charge:	\$0.00225	per kWh
Generation Charge:	\$0.00911	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

BILLING:

The Billing Amount for electric service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY UNBUNDLED CONTROLLED WATER HEATING SERVICE RATE W-1

AVAILABILITY:

This Rate Schedule is available only to Customers that were taking service from the Company under former Off-Peak Water Heating Rate No. 41 before January 24, 1989.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for water heating provided that the Customer shall have installed an electric water heater of a type approved by the Company. The Company will, by means of a controlling device, fix the hours when this service is available. Electricity furnished hereunder shall be metered separately and electric service for other purposes will be furnished under other applicable Rate Schedules.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$1.13	per month
Distribution/Access Energy Charge:	\$0.06473	per kWh
Transmission Charge:	\$0.00227	per kWh
Generation Charge:	\$0.00911	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

BILLING:

The Billing Amount for electric service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

Date Filed, May 16, 1997

- 2 -

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED LIGHTING SERVICE RATE S-1

AVAILABILITY:

This Rate Schedule is available only to Customers where electricity is supplied to lighting equipment owned and maintained by the Company, on Company owned poles, for dusk-to-dawn operation of approximately 4,000 burning hours per year.

APPLICABILITY:

Electricity furnished under this Rate Schedule shall be used for lighting purposes.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at the utilization voltage of the Company's lighting equipment.

RATE:

The Rate shall consist of the following charges:

CUSTOMER AND DISTRIBUTION:

Nominal	Type	Annual Price	Annual Price
<u>Lumens</u>	<u>Fixture</u>	<u>per Luminaire</u>	<u>per Luminaire</u>
		(a)	(b)

A. LIGHTING SUPPLIED BY OVERHEAD CONDUCTORS:

SODIUM VAPOR LAMP

1. For lights on ordinary wood poles:

3,300	Streetlight	\$59.29	\$139.95
5,800	Streetlight	65.35	146.00
5,800	Floodlight	79.22	159.86
9,500	Streetlight	74.84	155.48
9,500	PBU	80.32	160.95
9,500	Floodlight	88.70	169.34
16,000	Streetlight	88.78	169.42
16,000	Floodlight	103.59	184.23
25,000	Streetlight	133.29	213.93
25,000	Floodlight	141.19	221.83
50,000	Streetlight	183.07	263.71
50,000	Floodlight	191.99	272.63

Date Filed, May 16, 1997

-2-

	Nominal Lumens	Type <u>Fixture</u>	Annual Price <u>per Luminaire</u> (a)	Annual Price per Luminaire (b)
A.	LIGHTING S	SUPPLIED BY OV	VERHEAD CONDUCTORS: (C	Cont'd)
			MERCURY VAPOR LAMP	
2.	For lights	on ordinary	wood poles:	
3.	8,600 12,100 22,500 22,500 22,500 63,000 For lights	Streetlight PBU Streetlight Streetlight PBU Floodlight Floodlight con standard	-	•••
	22,500	Streetlight	\$184.96 INCANDESCENT LAMP	\$336.56
4.	For lights	on ordinary		
	1,000 2,500 9,900	Streetlight Streetlight Floodlight	\$60.10 85.23 190.51 METAL HALIDE LAMP	•••
5.	For lights	on ordinary	wood poles:	
	20,000 40,000 115,000	Floodligh Floodligh Floodligh	t 223.22	\$254.78 323.48 399.64

-3-

Nominal	Type	Annual Price	Annual Price
Lumens	<u>Fixture</u>	<u>per Luminaire</u>	<u>per Luminaire</u>
		(a)	(b)

B. LIGHTING SUPPLIED BY UNDERGROUND CONDUCTORS:

SODIUM VAPOR LAMP

1.	For	lights	on	standard	metal	poles:
----	-----	--------	----	----------	-------	--------

9,500	Streetlight	\$88.19	\$252.93
9,500	Streetlight-Twin	176.48	338.12
9,500	PBU	90.68	
9,500	Floodlight	89.06	253.79
16,000	Streetlight	102.14	266.88
16,000	Floodlight	120.68	285.41
25,000	Streetlight	146.65	311.38
25,000	Streetlight-Twin	302.54	464.18
25,000	Floodlight	158.27	323.01
50,000	Streetlight	196.43	361.16
50,000	Floodlight	209.06	373.81

2. For lights on poles less than 15 ft. high:

3,300	T&C	\$58.44	\$134.14
5,800	T&C	63.31	139.02
9,500	T&C	74.22	149.91
16,000	T&C	88.17	163.86

3. For lights on poles more than 15 ft. high:

3,300	Streetlight	\$64.05	\$237.40
5,800	Streetlight	70.10	243.46
5,800	Shoe Box	109.54	211.04
9,500	Streetlight	79.82	253.18
9,500	Shoe Box	129.10	230.62

4. For lights on ordinary wood poles:

3,300	Streetlight	\$69.65	\$188.83
5,800	Streetlight	75.72	194.89
5,800	Floodlight	89.58	208.75
9,500	Streetlight	85.18	204.36
9,500	PBU	90.68	209.85
9,500	Floodlight	99.04	218.22
16,000	Streetlight	106.80	225.99
16,000	Floodlight	113.94	233.12
25,000	Streetlight	143.63	262.83
25,000	Floodlight	151.54	270.72
50,000	Streetlight	193.42	312.61
50,000	Floodlight	202.34	321.52

Date Filed, May 16, 1997

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Nominal	Type	Annual Price	Annual Price
Lumens	<u>Fixture</u>	<u>per Luminaire</u>	<u>per Luminaire</u>
	 -	(a)	(b)

B. LIGHTING SUPPLIED BY UNDERGROUND CONDUCTORS: (Cont'd)

MERCURY VAPOR LAMP

5. For lights on standard metal poles:

8,600	Streetlight		\$278.59
8,600	PBU	\$108.37	
22,500	Streetlight-Twin		406.67

6. For lights on poles less than 15 ft. high:

4,200	T&C	\$77.34	
8,600	T&C	97.42	
8,600	PMA	118.92	

7. For lights on poles more than 15 ft. high:

4,200	Streetlight	\$85.16	\$258.51

8. For lights on ordinary wood poles:

22,500	Streetlight	\$195.92	
22,000		,	

- (a) For fixtures mounted on existing or prepaid lighting poles.
- (b) For fixtures mounted on lighting poles.

TRANSMISSION CHARGE:	\$0.00239	per	kWh
GENERATION CHARGE:	\$0.00911	per	kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment

BILLING:

The Billing Amount for lighting service supplied under this Rate Schedule shall consist of the sum of one-twelfth of the Annual Price per Luminaire, the Transmission Charge, the Generation Charge and Rate Adjustments.

Date Filed, May 16, 1997

EQUIPMENT AND INSTALLATION:

The Company will furnish, install, own, and maintain all necessary lighting service equipment including but not limited to luminaires, lamps, brackets, controls, conductors, and poles; and will furnish the electrical energy supply for the lights. For installations supplied by underground conductors, the customer will provide trenching and backfilling, and will furnish, install, and maintain the conduit and base. All lighting service equipment will be of Company standard design and construction. Where additional equipment is required, such as additional poles required to serve the light or transformers installed to provide the electrical energy supply for the lights, the customer will pay for the full cost of such additional equipment in advance of installation. If the lights installed under this rate are to be spaced such that the distance between the lights is to be more that 150 feet, the Customer will pay any additional costs incurred by the Company prior to the installation of the lights.

EXCESSIVE DAMAGE:

Excessive damage due to wanton or malicious acts shall be charged to the customer at the actual cost of labor and material required to repair or replace the unit. Excessive damage is defined as a pole, lamp, fixture, or conductors that is broken or damaged more than once a year. Notifications of excessive damage shall be made to the customer by the Company prior to billing for repairs.

DISCONTINUANCE OF LIGHTS:

Municipalities or other public authorities shall not discontinue service to more than five percent of the number of lights in service in a calendar year, except that any number of lights in excess of the five percent limit may be discontinued by mutual agreement provided that the municipality or other public authority agrees to pay the Company for the undepreciated value of each light in excess of the five percent limit that has been in service for a period of less than ten years.

TERM OF CONTRACT:

The term of contract shall be one year and shall continue thereafter until terminated by the Company or the customer by written notice given to the other party at least sixty (60) days prior to the date of termination given in such notice.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY FUEL COST ADJUSTMENT CLAUSE

The following provisions will apply to reflect fluctuations in the cost of fuel charged by the Company's wholesale suppliers of power.

The charges made by the Company for sales subject to this clause shall be adjusted by an Average Fuel Adjustment Factor, as and when approved by the Massachusetts Department of Public Utilities, to reflect the estimated current cost of fuel. The Average Fuel Adjustment Factor, as determined for any period consisting of three successive billing months, shall be applied to increase or decrease the price of each kilowatthour of electricity billed in the same period under rates subject to this clause.

The estimated average fuel cost, as used above, is the estimated aggregate cost of fuel chargeable to Account 555 of the Uniform System of Accounts, included in charges from wholesale suppliers of power divided by the estimated total kilowatthour sales for the period. In determining the estimated average fuel cost for any period, any differentials for the preceding four months between actual fuel cost incurred and attributable to consumption under rates subject to this clause and costs recovered under the clause shall be added to or subtracted from the subsequent estimate of fuel costs. If such actual costs and revenues are not available for any month, they shall be estimated for purposes of the above calculation.

In the event that conditions affecting the cost of fuel, which are actually experienced or reasonably anticipated during the period when an Average Fuel Adjustment Factor is in effect, indicate that the total charges on account of the cost of fuel incurred and to be incurred by the Company during said period will vary by ten percent (10%) or more above or below fuel revenues collected and to be collected, the Company shall apply to the Massachusetts Department of Public Utilities for approval and authorization of an appropriate interim increase or decrease in the Average Fuel Adjustment Factor, to be applied during the remainder of said period.

When this tariff is discontinued, to provide for Retail Choice, the Company shall nevertheless continue the true-up provision by transferring the remaining balance positive or negative attributable to fuel, in account 555, to the fuel reserve account to be credited or charged to customers as appropriate.

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 1 UNBUNDLED RATES AND SUPPORTING DOCUMENTATION

SUMMARY OF PROPOSED RATE CHANGES

EASTERN EDISON COMPANY D.P.U. 96-24 SUMMARY OF PROPOSED RATE CHANGES Unbundled Rates

PRE	SENT RATE		unbundled ra	TB	
	(M.D.P.U. 281		RATE R-1 (M.D.P.U		
	BASE	W/ADJ (1)	£*************************************	BASE	W/ADJ (2)
Customer Charge	\$1.50	\$1.63	Customer Charge		\$1.63
Energy Charge	\$0.09226	\$0.10800	Distribution/Access Egy Charge Transmission Charge Generation Charge	0.00225	
	(M.D.P.U. 282		RATE R-2 (M.D.P.U	•	
	BASE	W/ADJ (1)		BASE	W/ADJ (2)
Customer Charge	\$0.98		Customer Charge		\$1.11
Energy Charge	\$0.05923	\$0.07494	Distribution/Access Egy Charge Transmission Charge Generation Charge	0.00225	\$0.04554 0.00225 0.02800
RATE R-3	(M.D.P.U. 283		RATE R-3 (M.D.P.U		
		W/ADJ (1)	***************************************	Başe	W/ADJ (2)
Customer Charge			Customer Charge		\$2.13
Energy Charge	\$0.08012	\$0.10285	Distribution/Access Egy Charge Transmission Charge Generation Charge	0.00221	\$0.06632 0.00221 0.02800
RATE R-4	(M.D.P.U. 284)	RATE R-4 (M.D.P.U	. 325)	
	BASE			BASE	W/ADJ (2)
Customer Charge	\$8.82		Customer Charge Distribution/Access Egy Charge	\$8.95	\$8.95
Energy Charge Peak Hours	-	\$0.21303	Peak Hours Off-Peak Hours		0.03683
Off-Peak Hour	\$0.05070	\$0.06578	Transmission Charge Generation Charge	0.00225 0.00911	0.00225 0.02800
	(M.D.P.U. 285)		RATE G-1 (M.D.P.U		
		W/ADJ (1)			W/ADJ (2)
Customer Charge	\$1.50	\$1.63	Customer Charge	\$1.63	
Energy Charge	\$0.10041	\$0.11781	Transmission Charge Generation Charge	0.00911	0.00226 0.02800
# 1. PRESENT ADJUS	TMENT:		# 2. PROPOSED ADJUSTMENT:		
PPCA FCA {TY Avera CCA CSC	-	(\$0.00405) \$0.01889 se Table Following \$0.13	FCA (TY Average)		\$0.01889

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\$0.13

EASTERN EDISON COMPANY D.P.U. 96-24 SUMMARY OF PROPOSED RATE CHANGES Unbundled Rates

我自己就自己是自己的民主之后,我们还是有关工工自己的工作。我们还是有关于国际的自己的自己就是不知识的,我们也不知识,我们是这个人,我们也不知识,我们也不知识,他们 "我们是我们的是我们就是我们就是我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我

PRES	ENT RATE		UNBUNDLED	RATE	
RATE G-2 (M.D.P.U. 286		RATE G-2 (M.D.		
	BASE	W/ADJ (1)		BASE	W/ADJ (2
Customer Charge	\$8.06	\$8.19	Customer Charge Distribution/Access Dem Charg	\$8.19	\$8.1
Demand Charge	\$12.08	\$12.08	Distribution/Access Egy Charg		\$0.0265
Energy Charge	\$0.03758	\$0.05726	Transmission Charge	0.00224	
			Generation Charge		0.0280
RATE G-4 (M.D.P.U. 287		RATE G-4 (M.D.		
		W/ADJ (1)		rase	W/ADJ (2
Customer Charge		\$19.94	Customer Charge Distribution/Access Dem Charg	\$19.94	\$19.9
Demand Charge	\$12.00	\$12.00	Distribution/Access Egy Charg	•	
Energy Charge			Peak Hours	= \$0.03507	\$0.0350
	\$0.04631	\$0.06211	Off-Peak Hours		0.0260
Off-Peak Hour	\$0.03731	\$0.05311	Transmission Charge	0.80225	0.002
			Generation Charge	0.00911	0.028
RATE G-5 {			RATE G-5 (M.D.	P.U. 329)	
	BASE				W/ADJ (
Customer Charge	\$48.76	\$48.89	Customer Charge Distribution/Access Dem Charg	\$40.89	
Demand Charge	\$9.50	\$9.50	Distribution/Access Egy Charg		
Energy Charge			Peak Hours	\$0.04164	•
Peak Hours	\$0.05310	\$0.07128	Off-Peak Hours	0.03354	0.033
Off-Peak Hour	\$0.04500	\$0.06318	Transmission Charge	0.00222	0.002
			Generation Charge	0.00911	0.028
RATE G-6 (M.D.P.U. 289	-	RATE G-6 (M.D.	9.U. 330)	
	BASE	W/ADJ (1)			W/ADJ (
Customer Charge	\$48.76	\$48.89	Customer Charge Distribution/Access Dem Charg		\$48.4 \$9.5
Demand Charge	\$9.50	\$9.50	Distribution/Access Egy Charg	ė	
Energy Charge			Peak Hours	\$0.04145	\$0.0414
Peak Hours	\$0.05310	\$0.06999	Off-Peak Hours	0.03335	0.033
Off-Peak Hour	\$0.04500	\$0.06189	Transmission Charge	0.00226	0.002
			Generation Charge	0.00911	0.028
# 1. PRESENT ADJUST	MENT:		# 2. PROPOSED ADJUSTMENT:		
PPCA		(\$0.00405)	FCA (TY Average)		\$0.018

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See Table Following

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EASTERN EDISON COMPANY D.P.U. 96-24 SUMMARY OF PROPOSED RATE CHANGES Unbundled Rates

在全年表示中国国际发展工程中的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业,并不是企业的企业的企业,并不是企业的企业的企业的企业的企业的 1

RATE T-2 ustomer Charge emand Charge nargy Charge Peak Hours Off-Peak Hour	\$14.28 \$12.49 \$0.04430		Customer Charge Distribution/Access Dem Charge Distribution/Access Egy Charge	RASE W/ADJ \$14.41 \$14
ustomer Charge emand Charge nergy Charge Peak Hours	\$14.28 \$12.49 \$0.04430	W/ADJ (1) \$14.41 \$12.49	Customer Charge Distribution/Access Dem Charge Distribution/Access Egy Charge	RASE W/ADJ \$14.41 \$14
emand Charge nergy Charge Peak Hours	\$14.28 \$12.49 \$0.04430	\$14.41 \$12.49	Distribution/Access Dem Charge Distribution/Access Egy Charge	\$14.41 \$14
nergy Charge Peak Hours	\$0.04430		Distribution/Access Egy Charge	
Peak Hours		\$0.06398	Desk Marra	
Peak Hours		\$0.06398	Peak Hours	\$0.03334 \$0.03
Off-Peak Hour	50 03530	***************************************	Off-Peak Hours	0.02434 0.03
	40.03230	\$0.05498	Transmission Charge	0.00224 0.0
			Generation Charge	0.00911 0.0
			RATE A-6 (M.D.P.	
	BASE	W/ADJ (1)		BASE W/ADJ
ustomer Charge			Customer Charge	\$53.03 \$5
			Distribution/Access Demand Char	_
				\$7.17 \$'
_			Reservation Demand Charge	\$2.33 \$:
		\$7.17		
istribution/Acces	5 :			
emand Charge				\$0.04150 \$0.04
Peak Hours	\$2.33	\$2.33	Off-Peak Hours	0.03340 0.03
nergy Charge				
		•	Transmission Charge	0.00226 0.00
Off-Peak Hour	\$0.04500	\$0.05984	Generation Charge	0.00911 0.0
			RATE H-1 (M.D.P.	
		W/ADJ (1)		BASE W/ADJ
astomer Charge	\$6.00	\$6.13	Customer Charge	\$6.13 \$6
nergy Charge	\$0.08321	\$0.10289	Distribution/Access Egy Charge	\$0.07164 \$0.0
	•	•	Transmission Charge	0.00225 0.0
			Generation Charge	0.00911 0.0
RATE H-2	(M.D.P.U. 293)	ı	RATE H-2 (M.D.P.	U. 334)
	BASE	W/ADJ (1)		BASE W/ADJ
ustomer Charge	\$1.50	\$1.63	Customer Charge	\$1.63 \$
nerow Charge	SO 08488	\$0.10045	Distribution/Access Nov Charge	\$0.07265 \$0.0
al comrae	P4.40400	40.70053	· · · · · · · · · · · · · · · · · · ·	0.00225 0.0
			Generation Charge	0.00911 0.0
			# 2. PROPOSED ADJUSTMENT:	
PPCA		(\$0.00405)	FCA (TY Average)	\$0.0
,	-	\$0.01889		
	nstomer Charge rodTrans.: amand Charge Peak Hours istribution/Acces amand Charge Peak Hours hergy Charge Peak Hours Off-Peak Hour RATE H-1 astomer Charge hergy Charge RATE H-2 astomer Charge hergy Charge	BASE Instomer Charge \$52.90 rodTrans.: amand Charge Peak Hours \$7.17 istribution/Access: amand Charge Peak Hours \$2.33 argy Charge Peak Hour \$0.05310 Off-Peak Hour \$0.04500 RATE H-1 (M.D.P.U. 292) BASE Instomer Charge \$6.00 argy Charge \$0.08321 RATE H-2 (M.D.P.U. 293) BASE Instomer Charge \$0.08488 1. PRESENT ADJUSTMENT: PPCA FCA (TY Average)	### ##################################	### BASE W/ADJ (1)

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See Table Following

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EASTERN EDISON COMPANY D.P.U. 96-24 SUMMARY OF PROPOSED RATE CHANGES Unbundled Rates

PRESENT	RATE
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UNBUNDLED RATE

RATE	W-1	(M.D.	P.U.	294)
------	-----	-------	------	------

		- <i></i>
	BASE	W/ADJ (1)
Customer Charge	\$1.00	\$1.13
Energy Charge	\$0.07889	\$0.09221

RATE W-1 (M.D.P.U. 335)

	BASE	W/ADJ (2)
Customer Charge	\$1.13	\$1.13
Distribution/Access Egy Charge	\$0.06473	\$0.06473
Transmission Charge	0.00227	0.00227
	0.00011	0 00000

1. PRESENT ADJUSTMENT:

PPCA FCA (TY Average) CCA (\$0.00405) \$0.01889 See Table Following

FCA (TY Average)

2. PROPOSED ADJUSTMENT:

\$0.01889

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0.13

CCA ADJUSTMENT EFFECTIVE JANUARY 1, 1996:

RATE	ADJUSTMENT
R-1	\$0.00090
R-2	0.00087
R-3	0.00789
R-4	0.00024
G-1	0.00256
G-2	0.00484
G-4	0.00096
G-5	0.00334
G-6	0.00205
T-2	0.00484
H-1	0.00484
H-2	0.00073
W-1	(0.00152)
A-6	(0.00143)

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EASTERN EDISON COMPANY

D.P.U. 96-24 SUMMARY OF PROPOSED RATE CHANGES Unbundled Rates

	PRESENT I	RATE (M.D.)	P.U. 295) 			TONDUM.	ED RATE (M	.D.P.U. 33	
	BA	SE	W/ADJUST	DMENTS		BASI	3	W/ADJUST	MENT:
	(A)	(B)	(A)	(B)		(A)	(B)	(A)	(}
				rs being ped	BY OVERHEAD CONDUCTORS				
SODIUM VAPOR LAMP					SODIUM VAPOR	R LAMP			
Por Lights on Ord					For Lights on Ordina	-			
			### E0	\$147.23	3,300 ST. LT.		\$139.95	\$66.59	\$14
3,300 ST. LT.	\$63.02 70.55	\$143.67 151.20	75.51	156.16	5,800 ST. LT.	65.35	146.00	75.50	1
5,800 ST. LT.	84.42	165.06		170.02	5,800 FLOOD	79.22		89.37	1
5,800 FLOOD	82.23			169.93	9,500 ST. LT.	74.84		89.30	16
9,500 ST. LT.	87. 7 2	168.35		175.41	9,500 PBU	80.32		94.78	11
9,500 PBU		176.73		183.79	9,500 FLOOD	88.70	169.34	103.16	18
9,500 FLOOD	96.09	180.18		190.45	16,000 ST. LT.	88.78	169.42	109.81	19
16,000 ST. LT.	99.54			205.26	16,000 FLOOD	103.59		124.62	20
16,000 FLOOD	114.35	194.99		252.65	25,000 ST. LT.	133.29		172.01	29
25,000 ST. LT.	153.09	233.74	172.00	260.55	25,000 FLOOD	141.19	221.83	179.91	26
25,000 FLOOD	161.00				50,000 ST. LT.	183.07		242.81	32
50,000 ST. LT.	213.64			323.46 332.38	50,000 FLOOD	191.99	272.63	251.73	33
50,000 FLOOD	222.56	303.20	251.74	332.36	50,000 FIXOD	474.77	2,2.63	237.73	3.
					MERCURY LIGHTS				
MERCURY LIGHTS		n-1				. T. Wood Doles			
For Lights on Ord	-				For Lights on Ordina	-			
4,200 ST. LT.	88.35		95.93		4,200 ST. LT.	80.40		95.92	
8,600 ST. LT.	113.27				8,600 ST. LT.	100.49		125.47	
8,600 PBU	119.71		131.91		8,600 PBU	106.93		131.91	
12,100 ST. LT.	148.82	•••	166.33		12,100 ST. LT.	130.47		166.33	
22,500 ST. LT.	205.28	•••			22,500 ST. LT.	176.30		232.95	
22,500 PBU	209.36		237.02	• • •	22,500 PBU			237.03	
22,500 FLOOD	207.78		235.44		22,500 FLOOD	178.80		235.45	
63,000 FLOOD	434.22		500.45	***	63,000 FLOOD	364.82		500.45	
For Lights on Sta	ndard Metal	Poles			For Lights on Stands	ard Metal Pole	ès		
22,500 ST. LT.	213.93	365.54	241.59	393.20	22,500 ST. LT.	184.96	336.56	241.61	35
INCANDESCENT LIGH	TS				INCANDESCENT LIGHTS				
For Lights on Ord					For Lights on Ordina	•			
					1 000 PM 7 M	60.10		72 41	
1,000 ST. LT.	66.40		72.41	***	1,000 ST. LT.			72.41	-
2,500 ST. LT.	97.58		109.36	• • •	2,500 ST. LT.	85.23		109.36	•
9,900 FLOOD	221.07	• • •	250.25	•••	9,900 FLOOD	190.51	•••	250.25	•
METAL HALIDE					METAL HALIDE				
For Lights on Ord	inary Wood	Poles			For Lights on Ordina	ary Wood Pole	•		
20,000 FLOOD	172.87	273.13	190.38	290.64	20,000 FLOOD	154.52	- 254.78	190.38	2
40,000 PLOOD	251.71	351.97	278.90	379.16	40,000 FLOOD	223.22	323.48	278.90	3
115,000 FLOOD	365.42	465.68	428.45	528.71	115,000 FLOOD	299.38	399.64	428.45	5
•									

⁽A) - Fixture mounted on existing or prepaid lighting poles

PRESENT ADJUSTMENTS :

PPCA : (\$0.00405) FCA (TY Average): \$0.01889 PROPOSED ADJUSTMENTS :

FCA (TY Average): \$0.01889
TRANSMISSION: \$0.00239
GENERATION: \$0.00911

⁽B) - Fixture mounted on lighting poles

EASTERN EDISON COMPANY

D.P.U. 96-24

SUMMARY OF PROPOSED RATE CHANGES Unbundled Rates

	PRESENT 1	RATE (M.D.	P.U. 295)			ONBONDT	ED RATE (M	.D.P.U. 33	6)
	BAS	SB	W/ADJUS	TMENTS		BASE		W/ADJUSTMENT	
	(A)	(B)	(A)	(B)		(A)	(B)	(A)	
			LIGHTS		UNDERGROUND CONDUCTORS				
SODIUM VAPOR LAMP	and Makal	Poles			SODIUM VAPOR L For Lights on Standard		. e		
Por Lights on Standa	TIG MELAI								
9,500 ST. LT.	\$95.59	\$260.33	\$102.65	\$267.39	9,500 ST. LT.	\$88.19	\$252.93	\$102.65	\$
9,500 ST. LT. TWIN	-			367.06	9,500 ST. LT. TWIN	176.48	338.12	205.41	
9,500 PBU	98.07				9,500 PBU			105.14	
9,500 FLOOD	96.45		103.51	268.25	9,500 FLOOD	89.06		103.52	
•	112.90			287.91	16,000 ST. LT.	102.14	266.88	123.17	
,	131.43			306.44	16,000 FLOOD	120.68		141.71	
25,000 FROOD 25,000 ST. LT.				350.10	25,000 ST. LT.		311.38		
25,000 ST. LT. TWIN			379.96		25,000 ST. LT. TWIN				
	178.08			361.73	25,000 FLOOD		323.01		
,				420.91	50,000 ST. LT.		361.16		
	239.63			433.55	50,000 FLOOD		373.81		
For Lights on Ordina	ery Mood :	noles			For Lights on Ordinary	Wood pole			
ror mights on ordine							-		
3,300 ST. LT.	73,38	192.56	76.94	196.12	3,300 ST. LT.	69.65	188.83	76.95	
5,800 ST. LT.	80.91	200.09	85.87	205.05	5,800 ST. LT.	75.72	194.89	85.87	
5,800 FLOOD	94.77	213.95	99.73	218.91	5,800 FLOOD	69.58	208.75	99.73	
9,500 ST. LT.	92.58	211.76	99.64	218.82	9,500 ST. LT.	85.18	204.36	99.64	
9,500 PBU	98.07	217.25	105.13	224.31	9,500 PBU	90.68	209.85	105.14	
=	106.44	225.62	113.50	232.68	9,500 FLOOD	99.04	218.22	113.50	
16,000 ST. LT.	117.56	236.75	127.83	247.02	16,000 ST. LT.	106.80	225.99	127.83	
15 000 PT-00D	124.70	243.88	134.97	254.15	16,000 FLOOD	113.94	233.12	134.97	
25,000 ST. LT.	163.44	282.63	182.35	301.54	25,000 ST. LT.	143.63	262.83	182.35	
25,000 FLOOD	171.35	290.53	190.26	309.44	25,000 FLOOD	151.54	270.72	190.26	
50,000 ST. LT.	223.99	343.17	253.17	372.35	50,000 ST. LT.	193.42	312.61	253.16	
50,000 FLOOD	232.91	352.09	262.09	381.27	50,000 FLOOD	202.34	321.52	262.08	
For Lights on Poles	less than	n 15 ft. h	nigh		For Lights on Poles le	ss than 15	ft. high		
3,300 T&C.	62.17	137.87	65.73	141.43	3,300 T&C.	58.44	134.14	65.74	
5,800 T&C.	68.51	144.21	73.47	149.17	5,800 T&C.	63.31	139.02	73.46	
9,500 T&C.	81.62	157.31	88.68	164.37	9,500 T&C.	74,22	149.91	88.68	
16,000 TAC.	98.93	174.62	109.20	184.89	16,000 T&C.	88.17	163.86	109.20	
For Lights on Poles			-		For Lights on Poles mo				
3,300 ST. LT.	67.77	241.13	71.33	244.69	3,300 ST. LT.	64.05	237.40	71.35	
5,800 ST. LT.	75.30	248.66	80.26	253.62	5,800 ST. LT.	70.10	243.46	80.25	
5,800 SHOEBOX	114.74		119.70	221.20	5,800 SHOEBOX	109.54	211.04	119.69	
9,500 ST. LT.	87.22	260.58	94.28	267.64	9,500 ST. LT.	79.82	253.18	94.28	
9,500 SHOEBOX	136.50	238.02	143.56	245.08	9,500 SHORBOX	129.10	230.62	143.56	

⁽A) - Fixture mounted on existing or prepaid lighting poles

PRESENT ADJUSTMENTS :

PPCA : - (\$0.00405) FCA (TY Average): \$0.01889 PROPOSED ADJUSTMENTS :

FCA (TY Average): \$0.01889 TRANSMISSION: \$0.00239 GENERATION: \$0.00911

⁽B) - Fixture mounted on lighting poles

RASTERN EDISON COMPANY

D.P.U. 96-24

SUMMARY OF PROPOSED RATE CHANGES Unbundled Rates

	PRESENT	RATE (M.D.	.p.U. 295)			UNBUNDL	ED RATE (M	.D.P.U. 33	6)
	BA	\$E	W/ADJUS	TMENTS		BAS	E	W/ADJUST	MENTS
	(A)	{B}	(A)	(B)		(A)	(B)	(A)	(B)
			LIGHTS	BEING FED BY	UNDERGROUND CONDUCTORS (CO	NT.)			
	• .								
MERCURY VAPOR LAME		0-1			MERCURY VAPOR For Lights on Standard				
For Lights on Stan									
8,600 ST. LT.		\$291.37		\$303.57	8,600 ST. LT.	• • •	\$278.59		\$303
8,600 PBU	\$121.15		\$133.35		8,600 PBU			\$133.35	• • •
22,500 ST. LT. TWIN		435.65		463.31	22,500 ST. LT. TWIN		406.67		463
For Lights on Pole			_		Por Lights on Poles le		_		
4,200 T&C.	85.28		92.86	• • •	4,200 T&C.	77.34		92.86	
	110.20		122.40		8,600 T&C.	97.42		122.40	
8,600 PMA	131.70		143.90	• • •	e,600 PMA	118.92	•••	143.90	• • • •
For Lights on Pole			_		Por Lights on Poles mo	re than 15	ft. high		
4,200 ST. LT.	93.09	266.45	100.67	274.03	4,200 ST. LT.	85.16	258.51	100.68	274
For Lights on Ordi		-			For Lights on Ordinary	Wood pole	B 		
22,500 ST. LT.			252.56		22,500 ST. LT.	195.92		252.57	

⁽A) - Fixture mounted on existing or prepaid lighting poles

PRESENT ADJUSTMENTS :

(\$0.00405) PPCA : FCA (TY Average): \$0.01889

PROPOSED ADJUSTMENTS :

FCA (TY Average): \$0.01889 TRANSMISSION: \$0.00239 GENERATION: \$0.00911

⁽B) - Fixture mounted on lighting poles

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 1 UNBUNDLED RATES AND SUPPORTING DOCUMENTATION

PROPOSED UNBUNDLED RATE DESIGN

EASTERN EDISON COMPANY D.P.U. 96-24 PROPOSED UNBUNDLED RATE DESIGN

		Rate R-1	Rate R-2	Rate R-3	Rate R-4	Rate G-1	Rate G-2
1.	Generation Charge	\$0.02800	\$0.02800	\$0.02800	\$0.02800	\$0.02800	\$0.02800
	less: Test Year FCA	0.01889	0.01889	0.01889	0.01889	0.01889	0.01889
3.	Base Generation Charge	\$0.00911	\$0.00911	\$0.00911	\$0.00911	\$0.00911	\$0.00911
4.	Transmission Energy Charge	\$0.00225	\$0.00225	\$0.00221	\$0.00225	\$0.00226	\$0.00224
5.	Customer Charge (Including CSC Roll-in)	\$1.63	\$1.11	\$2.13	\$8.95	\$1.63	\$8.19
	Usage Demand Distribution/Access Demand Charge						\$12.08
	Distribution/Access Energy Charge:						
8.	-	\$0.07596	\$0.04289	\$0.06317		\$0.08400	\$0.02133
9. 10.					\$0.18148 \$0.03423		
11.	less: Test Year PPCA Factor	(\$0.00493)	(\$0.00493)	(\$0.00515)	(\$0.00497)	(\$0.00500)	(\$0.00495)
12.	plus: PPCA Roll-in	(\$0.00405)	(\$0.00405)	(\$0.00405)	(\$0.00405)	(\$0.00405)	(\$0.00405)
13.	Base Dist/Access Egy Chg(L.8-L.11+L.12)	\$0.07684	\$0.04377	\$0.06427		\$0.08495	\$0.02223
	Base Dist/Acc Pk Egy Chg(L.9-L.11+L.12)				\$0,18240		
15.	Base D/A OffPk Egy Chg(L.10-L.11+L.12)				\$0.03515		
16.	Conservation Charge	\$0.00174	\$0.00177	\$0.00205	\$0.00168	\$0.00434	\$0.00436
	SUMMARY:						
17.		\$0.02800	\$0.02800	\$0.02800	\$0.02800	\$0.02800	\$0.02800
18.	Transmission	\$0.00225	\$0.00225	\$0.00221	\$0.00225	\$0.00226	\$0.00224
19.		\$1.63	\$1.11	\$2.13	\$8.95	\$1.63	\$8.19
20. 21.	Usage Demand Dist/Access - Demand						\$12.08
22.		\$0.07858	\$0.04554	\$0.06632		\$0.08929	\$0.02659
23.		7	*****	4000000	\$0.18408	77777	**********
24.	· · · · · · · · · · · · · · · · · · ·				\$0.03683		
25.	UNITS: Bills	1,652,850	174,228	79,228	534	199,517	78,842
26.		2,652,650	0	0	0	133,317	2,736,329
27.		0	o	0	0	0	_,,,
28.	Distribution Demand	0	0	0	0	0	0
29.		855,187,451	69,317,290	87,057,294		106,102,102	792,270, 95 1
30. 31.		0	0 0	0	80,150 482,971	0	0
	REVENUES :				*********	***********	
32.	12121020:	\$1,924,172	\$155,964	\$192,397	\$1,267	\$239,791	\$1,774,687
33.	Distribution/Access	69,894,775	3,350,102	5,942,395	37,321		54,767,055
34.	Generation	23,945,249	1,940,884	2,437,604	15,767	2,970,859	22,183,587
35.	Total Revenue	\$95,764,196	\$5,446,950	\$8,572,396	\$54,356	\$13,009,719	\$78,725,328
	AVERAGE RATES:						
36.		\$0.00225	\$0.00225	\$0.00221	\$0.00225	\$0.00226	\$0.00224
37.	•	0.08173	0.04833	0.06826	0.06628	0.09236	0.06913
38.	Generation	0.02800	0.02800	0.02800	0.02800	0.02800	0.02800
	Total	\$0.11198	\$0.07858	\$0.09847			

EASTERN EDISON COMPANY D.P.U. 96-24 PROPOSED UNBUNDLED RATE DESIGN

		Rate T-2	Rate G-4	Rate G-5	Rate G-6	Rate H-1
				\$0.02800	\$0.02800	\$0.02800
	Generation Charge	\$0.02800 0.01889	\$0.02800 0.01889	0.01889	0.01889	0.01889
2.	less: Test Year FCA	0.01889		·		
з.	Base Generation Charge	\$0.00911	\$0.00911	\$0.00911	\$0.00911	\$0.00911
١.	Transmission Energy Charge	\$0.00224	\$0.00225	\$0.00222	\$0.00226	\$0.00225
5.	Customer Charge (Including CSC Roll-in)	\$14.41	\$19.94	\$48.89	\$48.89	\$6.13
; .	Usage Demand					
٠.	Distribution/Access Demand Charge	\$12.49	\$12.00	\$9.50	\$9.50	
	Distribution/Access Energy Charge:					\$0.06622
3.	Energy Charge	\$0.02810	\$0.03002	\$0.03697	\$0.03684	40.00022
9.	Peak Energy Charge Off-Peak Energy Charge	\$0.02010	\$0.02102	\$0.02887	\$0.02874	
١.	Off-bear pucify charge					
1.	legg: Test Year PPCA Factor	(\$0.00493)	(\$0.00501)	(\$0.00494)	(\$0.00496)	(\$0.00511
2.	plus: PPCA Roll-in	(\$0.00405)	(\$0.00405)	(\$0.00405)	(\$0.00405)	{\$0.00405
						\$0.06728
١.	Base Dist/Access Egy Chg(L.8-L.11+L.12) Base Dist/Acc Pk Egy Chg(L.9-L.11+L.12)	\$0.02898	\$0.03098	\$0.03786	\$0.03775	*******
5.	Base D/A OffPk Egy Chg(L.10-L.11+L.12)	\$0.01998	\$0.02198	\$0.02976	\$0.02965	
ī.	Conservation Charge	\$0.00436	\$0.00409	\$0.00378	\$0.00370	\$0.00436
	SUMMARY:					
7.	Generation	\$0.02800	\$0.02800	\$0.02800	\$0.02800	\$0.02800
₿.	Transmission	\$0.00224	\$0.00225	\$0.00222	\$0.00226	\$0.00225
9.	Customer	\$14.41	\$19.94	\$46.89	\$48.89	\$6.13
٥.	Usage Demand					
L.	Dist/Access - Demand	\$12.49	\$12.00	\$9.50	\$9.50	
2.	Dist/Access - Energy(L.13+L.16)				40 01015	\$0.0716
3.	Dist/Access - Peak Energy(L.14+L.16)	\$0.03334	\$0.03507	\$0.04164	\$0.04145	
١.	Dist/Access - Off-Pk Egy(L.15+L.16)	\$0.02434	\$0.02607	\$0.03354 	\$0.03335	
	UNITS:				٠.	
; .	Bills	837	1,022	402	395	1,41
š .	Billed kW	135,697	735,800	80,295	398,472	(
7.	Usage Demand	0	a	0	a	,
8. 9.	Distribution Demand Total kWhs	_	312,893,861	-	179,933,046	18,324,08
9. 0.	Peak kWhs	12,855,274	70,584,524	6,819,669	36,844,867	10,521,00
1.	Off-Peak kWhs		242,309,337	20,709,130		. (
2.	REVENUES: Transmission	\$151,830	\$704,011	\$61,114	\$406,649	\$41,229
3.	Distribution/Access		17,642,382			
4.	Generation		8,761,028		5,038,125	513,074
5.	Total Revenue	\$5,522,107	\$27,107,422		\$15,548,780	
	AVERAGE RATES:					
6.	AVERAGE RATES: Transmission	\$0.00224	\$0.00225	\$0.00222	\$0.00226	\$0.0022
	Distribution/Access	0.05123	0.05638	0.06397	0.05615	0.0721
7.						
	Generation	0.02800	0.02800	0.02800	0.02800	0.02800

EASTERN EDISON COMFANY D.F.U. 96-24 PROPOSED UNBUNDLED RATE DESIGN

		Rate H-2	Rate W-1	Rate A-6	Rate S-1	Total
,	Generation Charge	\$0.02800	\$0.02800	\$0.02800	\$0.02800	
	less: Test Year FCA	0.01889		0.01889	0.01889	
3.	Base Generation Charge	\$0.00911	\$0.00911	\$0.00911	\$0.00911	
4.	Transmission Energy Charge	\$0.00225	\$0.00227		\$0.00239	•
5.	Customer Charge (Including CSC Roll-in)	\$1.63				
	Usage Demand Distribution/Access Demand Charge			\$7.17 \$2.33		
8. 9. 10.	Distribution/Access Energy Charge: Energy Charge Peak Energy Charge Off-Peak Energy Charge	\$0.06794	\$0.06223	\$0.037 44 \$0.02934	\$0.13918	
11. 12.	less: Test Year PPCA Factor plus: PPCA Roll-in	(\$0.00508) (\$0.00405)	(\$0.00405)	(\$0.00456) (\$0.00405)		٠.
14.	Base Dist/Access Egy Chg(L.8-L.11+L.12) Base Dist/Acc Pk Egy Chg(L.9-L.11+L.12) Base D/A OffPk Egy Chg(L.10-L.11+L.12)	\$0.06897		\$0.03795 \$0.02985	\$0.14000	
16.	Conservation Charge	\$0.00368	\$0.00140	\$0.00355	\$0.00000	
	SUMMARY:					
17.	Generation	\$0.02800	\$0.02800	\$0.02800	\$0.02800	
18.	Transmission	\$0.00225	\$0.00227	\$0.00226	\$0.00239	
19.		\$1.63	\$1.13	\$53.03		
20.	Usage Demand			7.17 \$2.33		
21. 22.	Dist/Access - Demand Dist/Access - Energy(L.13+L.16)	\$0.07265	\$0.06473	¥2.15	\$0.14000	
23.	· · · · · · · · · · · · · · · · · · ·	40.0.203	40.00112	\$0.04150	4414-44-	
24.				\$0.03340		
	UNITS:					
25.	Bills	2,107	205,223	12	-	2,853,274
26.	Billed kW	0	0	15,368		4,101,961
27.		0	0	3,972		3,972
28.		0 2,956,1 4 2	0 54,988,259	27,933 5,716,787		27,933 2,607, 474 ,639
29. 30.		2,936,142	34,900,239	1,129,485		
31.		ō	0	4,587,302	0	
	REVENUES:					***-*
32.	Transmission	\$6,651	\$124,823	\$12,920	\$64,182	\$5,861,686
33.	Distribution/Access	218,198	3,791,292	440,310	3,759,607	186,301,362
34.	Generation	82,772	1,539,671	160,070	751,921	73,009,290
35.	Total Revenue	\$307,621	\$5,455,787	\$613,300	\$4,575,711	\$265,172,338
	AVERAGE RATES:					
36.		\$0.00225	\$0.00227	\$0.00226	\$0.00239	\$0.00225
37.	Distribution/Access Generation	0.07381	0.06895	0.07702 0.02800	0.14000	0.07145 0.02800
38.	Generation	0.02800	0.02800		0.02800	0.02800
	Total	\$0.10406	\$0.09922	\$0.10728	\$0.17039	\$0.10170

EASTERN EDISON COMPANY

D.P.U. 96-24

UNBUNDLED RATE DESIGN - RESIDENTIAL & SMALL COMMERCIAL

Year Ending June 30, 1996

			Rate R-1	Rate R-2	Rate R-3	Rate R-4	Rate G-1
	GENERATION						
1.	Generation I	Revenues (#1)	\$23,945,249				
2.	divided by	y: kWh Sales	855,187,451		87,057,294	563,121	106,102,102
3.	GENERATION (CHARGE			\$0.02800	\$0.02800	\$0.02800
	TRANSMISSION	4					
4	Montaun Ne	etwork Service (#1)	\$1,921,555		\$192,750	\$1,266	\$239,842
		by: kWh Sales	855,187,451			563,121	
6.	NETWORK SER	VICE TRANSMISSION CHARGE			\$0.00221	\$0.00225	\$0.00226
	DISTRIBUTION	N/ACCESS					
7.	Present	Customer Charge	\$1.50	\$0.98	\$2.00	\$8.82	\$1.50
в.	Present	Off-Peak Energy Charge				\$0.06448	
9.	less:	Other Energy Charges (L.3+L.6)				0.03025	_
LO.	DIST/ACCESS	OFF-PEAK ENERGY CHARGE				\$0.03423	
1.	Present	Peak Energy Charge (#2)				\$0.21173	
2.	less:	Other Energy Charges (L.3+L.6)				0.03025	_
3.	DIST/ACCESS	OFF-PEAK ENERGY CHARGE				\$0.18148	
4.	Present	Energy Charge (#2)	\$0.10621		\$0.09338		\$0.11426
.5	less:	Other Energy Charges (L.3+L.6)			0.03021		0.03026
_	n. r. cm / h. c. cm c. c.	ENERGY CHARGE	\$0.07596		\$0.06317		50.08400

^{#1.} From Functional Unbundling of Allocated Costs

^{#2.} Present Base rates + Test Year PPCA & Fuel Factors

EASTERN EDISON COMPANY D.P.U. 96-24 UNBUNDLED RATE DESIGN - RESIDENTIAL & SMALL COMMERCIAL Year Ending June 30, 1996 _ Rate H-1 Rate H-2 Rate W-1 Rate S-1 GENERATION \$513,074 \$82,772 \$1,539,671 \$751,921 18,324,087 2,956,142 54,988,259 26,854,339 1. Generation Revenues (#1) divided by: kWh Sales \$0.02800 \$0.02800 \$0.02800 \$0.02800 3. GENERATION CHARGE TRANSMISSION \$6,643 \$124,556 \$41,317 4. Montaup Network Service (#1) \$41,317 \$8,583 \$124,330 \$64,161 18,324,087 2,956,142 54,988,259 26,854,339 divided by: kWh Sales , 5. \$0.00225 \$0.00225 \$0.00227 \$0.00239 6. NETWORK SERVICE TRANSMISSION CHARGE DISTRIBUTION/ACCESS -----\$6.00 \$1.50 \$1.00 \$0.00 Present Customer Charge Present Off-Peak Energy Charge Α. less: Other Energy Charges (L.3+L.6) 10. DIST/ACCESS OFF-PEAK ENERGY CHARGE Present Peak Energy Charge (#2) less: Other Energy Charges (L.3+L.6) 13. DIST/ACCESS OFF-PEAK ENERGY CHARGE \$0.16957 \$0.09647 \$0.09819 \$0.09250 Present Energy Charge (#2) 0.03025 0.03027 0.03039 0.03025 less: Other Energy Charges (L.3+L.6) 15. _____ \$0.06622 \$0.06794 \$0.06223 \$0.13918 16. DIST/ACCESS ENERGY CHARGE

^{#1.} From Functional Unbundling of Allocated Costs

^{#2.} Present Base rates + Test Year PPCA & Puel Pactors

EASTERN EDISON COMPANY

D.P.U. 96-24

Unbundled Rate Design - Rate S-1
Test Year Ending June 30, 1996

(A)	(B)	{C}	(D)	(E)	(F)	(G)	(H)
LIGHTING	Present	annual Energy Per	PPCA ROLL-IN PLUS TEST YEAR AVERAGE	ANNUAL REVENUE PER PIXTURE	TEST YEAR PRODUCTION COST PER KWH=	TRANSMISSION COST PER KWH=	PROPOSED BASE RATES
CODE	RATE	FIXTURE	FUEL	(COL B+D)	\$0.02800	\$0.00239	(COL E-F-G)
 0061-3-110	\$63.02	240	\$3.56	\$66.58	\$6.72	\$0.57	\$59.2
0061-3-110	143.6B	240	3.56	147.24	6.72	0.57	139.9
0061-3-211	63.02	240	3.56	66.58	6.72	0. 57 0.57	59.2 59.2
0061-3-214	63.02	240	3.56	66.58 196.12	6.72 6.72	0.57	188.8
0061-3-710	192.56	240 240	3.56 3.56	76.94	6.72	0.57	69.6
0061-3-711	73.38 73.36	240	3.56	76.94	6.72	0.57	69.6
0061-3-714 0061-3-810	241.13	240	3.56	244.69	6.72	0.57	237.4
0061-3-811	67.78	240	3.56	71.34	6.72	0.57 0.57	64.0 134.1
0061-3-940	137.87	240	3.56	141.43 65.73	6.72 6.72	0.57	58.4
0061-3-941	62.17	240 334	3.56 4.96	75.51	9.35	0.80	65.3
0085-3-110 0085-3-120	70.55 84.42	334	4.96	89.38	9.35	0.80	79.2
0085-3-120	151.20	334	4.96	156.16	9.35	0.80	146.0
0085-3-211	70.55	334	4.96	75.51	9.35	0.80	65.3
0005-3-214	70.55	334	4,96	75.51	9.35 9.35	0.80 0.80	· 65.3
0085-3-220	165.06	334 334	4.96 4.96	170.02 89.38	9.35	0.80	79.2
0085-3-221	84.42 84.42	334	4.96	89.38	9.35	0.80	79.2
0085-3- 224 0085-3- 44 0	144.22	334	4.96	149.18	9.35	0.80	139.0
0085-3-441	68.51	334	4.96	73.47	9.35	0.80	63.3
0085-3-460	216.24	334	4.96	221.20	9.35		211.0
0085-3-461	114.74	334	4.96	119.70 73. 4 7	9.35 9.35		109.5 63.3
0085-3-641	68.51 200.09	334 334	4.96 4.96	205.05	9.35		194.4
0085-3-710 0085-3-711	80.92	334	4.96	85.88	9.35		75.
0085-3-714	80.92	334	4.96	85.88	9.35		75.
0085-3-720	213.95	334	4.96	218.91	9.35		208.
0085-3-721	94.78	334	4.96		9.35		89.! 89.!
0085-3-724	94.78	334 334	4.96 4.96		9.35 9.35		243.
0085-3-810 0085-3-811	248.66 75.30	334	4.96		9.35		70.3
0085-3-940	144.22	334	4.96		9.35	0.80	139.
0085-3-941	60.51	334	4.96		9.35		63.
0103-1-110	66.40	405	6.01		11.34		60.: 74.:
0121-3-110	82.24	476 476	7.06 7.06		13.33 13.33		
0121-3-120 0121-3-130	96.10 87.72	476	7.06		13.33		
0121-3-210	162.88	476	7.06		13.33		155.
0121-3-211	82.24	476	7.06		13.33		74.
0121-3-214	82.24	476	7.06		13.33		74. 169.
0121-3-220	176.74	476	7.06 7.06		13.33 13.33		
0121-3-221 0121-3-224	96.10 96.10	476 476			13.33		
0121-3-230	168.35	476			13.33		
0121-3-231	87.72	476	7.06		13.33		
0121-3-234	87.72	476			13.33		
0121-3-440	157.31	476			13.33 13.33		
0121-3-441 0121-3-460	81.62 238.02	476 476			13.33		
0121-3-461	136.50	476			13.33		
0121-3-610	260.33	476	7.06	267.39	13.33		
0121-3-611	95.59	476			13.33		
0121-3-614	95.59	476			13.33 13.33		
0121-3-620 0121-3-621	261.19 96.46	476 476			13.33		
0121-3-624	96.46	476			13.33		
0121-3-631	98.08	476		105,14	13.33	1.14	90.
0121-3-641	81.62	476			13.33		
0121-3-651	102.52	476			13.33		
0121-3-710 0121-3-711	211.76 92.58	476 476			13.33 13.33		
0121-3-711	92.50	476			13.33		
0121-3-720	225.62	476			13.33		218.
0121-3-721	106.44	476					
0121-3-724	106.44	476			13.33		
0121+3-730	217.25	476	7.06	224.31	13.33	1.14	209.

BASTERN EDISON COMPANY D.P.U. 96-24

Unbundled Rate Design - Rate S-1 Test Year Ending June 30, 1996

(A) (B) (C) (D) (E) (F) (G) (H)

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
LIGHTING CODE	PRESENT RATE	annual Energy Per Fixture	PPCA ROLL-IN PLUS TEST YEAR AVERAGE FUEL	ANNUAL REVENUE PER FIXTURE (COL B+D)	TEST YEAR PRODUCTION COST PER KWH- \$0.02800	TRANSMISSION COST PER KMH= \$0.00239	PROPOSED BASE RATES (COL E-F-G)
0121-3-731	98.08	476	7.06	105.14	13.33	1.14	90.68
	98.08	476	7.06	105.14	13.33	1.14	90.68
0121-3-734	260.58	476	7.06	267.64	13.33	1.14	253.18
0121-3-810 0121-3-811	87.22	476	7.06	94.28	13.33	1.14	79.82
0121-3-811	157.31	476	7.06	164.37	13.33	1.14	149.91
0121-3-941	81.62	476	7.06	88.68	13.33	1.14	74.22
0130-2-110	88.34	511	7.58	95.92	14.31	1.22	80.40
0130-2-211	88.34	511	7.58	95.92	14.31	1.22	80.40
0130-2-641	85.28	511	7.58	92.86	14.31	1.22	77.34
0130-2-810	266.45	511	7.50	274.03	14.31	1.22	258.51
0130-2-811	93.10	511	7.58	100.68	14.31	1.22	85.16
0130-2-941	85.28	511	7.58	92.86	14.31	1.22	77.34
0176-3-110	99.54	692	10.27	109.81	19.38	1.65	88.78
0176-3-120	114.35	692	10.27	124.62	19.38	1.65	103.59
0176-3-210	100.10	692	10.27	190.45	19.38	1.65	169.42
0176-3-211	99.54	692	10.27	109.81	19.38	1.65	88.78
0176-3-214	99.54	692	10.27	109.81	19.38 19.38	1.65 1.65	88.78 184.23
0176-3-220	194.99	692 692	10.27 10.27	205.26 124.62	19.38	1.65	103.59
0176-3-221 0176-3-224	114.35 114.35	692	10.27	124.62	19.38	1.65	103.59
0176-3-440	174.62	692	10.27	184.89	19.38	1.65	163.86
0176-3-441	98.93	692	10.27	109.20	19.38	1.65	88.17
0176-3-610	277.64	692	10.27	287.91	19.38	1.65	266.88
0176-3-611	112.90	692	10.27	123.17	19.38	1.65	102.14
0176-3-614	112.90	692	10.27	123.17	19.38	1.65	102.14
0176-3-620	296.17	692	10.27	306.44	19.38	1.65	285.41
0176-3-621	131.44	692	10.27	141.71	19.38	1.65	120.68
0176-3-624	131.44	692	10.27	141.71	19.38	1.65	120.68
0176-3-710	236.75	692	10.27	247.02	19.38	1.65	225.99
0176-3-711	117.56	692	10.27	127.83	19.38	1.65	106.80
0176-3-714	117.56	692	10.27	127.83	19.38	1.65	106.80
0176-3-720	243.00	692	10.27	254.15	19.38	1.65	233.12
0176-3-721	124.70	692 692	10.27 10.27	134.97 134.97	19.38 19.38	1.65 1.65	113.94 113.94
0176-3-724 0176-3-940	124.70 174.62	692	10.27	184.89	19.38	1.65	163.86
0176-3-941	98.93	692	10.27	109.20	19.38	1.65	88.17
0202-1-110	97.58	794	11.78	109.36	22.23	1.90	85.23
0209-2-110	113.27	822	12.20	125.47	23.02	1.96	100.49
0209-2-130	119.71	822	12.20	131.91	23.02	1.96	106.93
0209-2-211	113.27	822	12.20	125.47	23.02	1.96	100.49
0209-2-231	119.71	822	12.20	131.91	23.02	1.96	106.93
0209-2-541	110.20	822	12.20	122.40	23.02	1.96	97.42
0209-2-610	291.37	822	12.20	303.57	23.02	1.96	278.59
0209-2-631	121.15	822	12.20	133.35	23.02	1.96	108.37
0209-2-641	110.20	822 822	12.20 12.20	122.40 143.90	23.02 23.02	1.96 1.96	97.42 118.92
0209-2-651 0209-2-941	131.70 110.20	822 822	12.20	122.40	23.02	1.96	97.42
0242-3-612	352.93	952	14.13	367.06	26.66	2.28	338.12
0242-3-613	191.29	952	14.13	205.42	26.66	2.28	176.48
0300-2-110	148.82	1,180	17.51	166.33	33.04	2.82	130.47
0300-4-120	172.87	1,180	17.51	190.38	33.04	2.82	154.52
0300-4-220	273.13	1,180	17.51	290.64	33.04	2.62	254.78
0324-3-110	153.10	1,274	18.91	172.01	35.67	3.04	133.29
0324-3-120	161.00	1,274	18.91	179.91	35.67	3.04	141.19
0324-3-124	161.00	1,274	18.91	179. 9 1	35.67	3.04	141.19
0324-3-210	233.74	1,274	18.91	252.65	35.67	3.04	213.93
0324-3-211	153.10	1,274	18.91	172.01	35.67	3.04	133.29
0324-3-214	153.10	1,274	18.91	172.01	35.67	3.04	133.29
0324-3-220	241.64	1,274	18.91	260.55	35.67	3.04	221.83
0324-3-221 0324-3-224	161.00 161.00	1,274 1,274	18.91 18.91	179.91 179.91	35.67 35.67	3.04 3.04	141.19
0324-3-224	331.19	1,274	18.91	350.10	35.67	3.04	141.19 311.38
		1,2/3	10.31	330.20	33.07	3.04	244.90

EASTERN EDISON COMPANY D.P.U. 96-24

Unbundled Rate Design - Rate S-1 Test Year Ending June 30, 1996

(A) (B) (C) (D) (E) (F) (G) (H)

(A)	(H)	(C)	(D)	(≦)	(F)	(G)	(H)
LIGHTING CODE	PRESENT RATE	ANNUAL ENERGY PER FIXTURE	PPCA ROLL-IN PLUS TEST YEAR AVERAGE FUEL	ANNUAL REVENUE PER FIXTURE (COL B+D)	TEST YEAR PRODUCTION COST PER KWH= \$0.02800	TRANSMISSION COST PER KWH= \$0.00239	PROPOSED 9ASE RATES (COL E-F-G)
	******			**============	**********		#E22======
0324-3-611	166.46	1,274	18.91	185.37	35.67	3.04	146.65
0324-3-614	166.46	1,274	18.91	185.37	35.67	3.04	146.65
0324-3-620	342.82	1,274	18.91	361.73	35.67	3.04	323.01
0324-3-621	178.08	1,274	18.91	196.99	35.67	3.04	158.27
0324-3-624	178.08	1,274	18.91	196.99	35.67	3.04	158.27
0324-3-710	282.64	1,274	18.91	301.55	35.67	3.04	262.83
0324-3-711	163.44	1,274	18.91	182.35	35.67	3.04	143.63
0324-3-714	163.44	1,274	18.91	182.35	35.67	3.04	143.63
0324-3-720	290.53	1,274	18.91	309.44	35.67	3.04	270.72
0324-3-721	171.35	1,274	18.91	190.26	35.67	3.04	151.54
0324-3-724	171.35	1,274	18.91	190.26	35.67	3.04	151.54
0466-4-120	251.71	1,832	27.19	278.90	51.30	4.38	223.22
0466-4-220	351.97	1,832	27.19	379.16	51.30	4.38	323.48
0474-2-110	205.28	1,864	27.66	232.94	52.19	4.45	176,30
0474-2-120	207.78	1,864	27.66	235.44	52.19	4.45	178.80
0474-2-130	209.36	1,864	27.66	237.02	52,19	4.45	180.38
0474-2-211	205.28	1,864	27.66	232.94	52.19	4.45	176.30
0474-2-221	207.78	1,864	27.66	235.44	52.19	4.45	178.80
0474-2-231	209.36	1,864	27.66	237.02	52.19	4.45	180.38
0474-2-310 0474-2-314	365.54 213.94	1,864	27.66	393.20	52.19	4.45	336.56
0474-2-314		1,864 1,864	27.66	241.60	52.19	4.45	184.96
0474-2-614	435.65 224.90	1,864	27.66 27.66	463.31 252.56	52.19	4.45	406.67
0474-2-711	224.90	1,864	27.66	252.56	52.19 52.19	4.45	195.92
0500-1-120	221.08	1,966	29.18	250.26	55.05	4.45	195.92
0500-3-110	213.64	1,966	29.18	242.82	55.05	4.70 4.70	190.51
0500-3-120	222.56	1,966	29.18	251.74	55.05	4.70	183.07 191.99
0500-3-124	222.56	1,966	29.18	251,74	55.05	4.70	191.99
0500-3-210	294.28	1,966	29.18	323.46	55.05	4.70	263.71
0500-3-211	213.64	1,966	29.18	242.82	55.05	4.70	183.07
0500-3-214	213.64	1,966	29.18	242.82	55.05	4.70	183.07
0500-3-220	303.20	1,966	29.18	332.38	55.05	4.70	272,63
0500-3-221	222.56	1,966	29.18	251.74	55.05	4.70	191.99
0500-3-224	222.56	1,966	29.18	251.74	55.05	4.70	191.99
0500-3-610	391.73	1,966	29.18	420.91	55.05	4.70	361.16
0500-3-611	227.00	1,966	29.18	256.18	55.05	4.70	196.43
0500-3-614	227.00	1,966	29.18	256.18	55.05	4.70	196.43
0500-3-620	404.38	1,966	29.18	433.56	55.05	4.70	373.81
0500-3-621	239.63	1,966	29.18	268.81	55.05	4.70	209.06
0500-3-624	239.63	1,966	29.18	268.81	55.05	4.70	209.06
0500-3-710	343.18	1,966	29.18	372.36	55.05	4.70	312.61
0500-3-711	223.99	1,966	29.18	253.17	55.05	4.70	193.42
0500-3-714	223.99	1,966	29.18	253.17	55.05	4.70	193.42
0500-3-720	352.09	1,966	29.18	381.27	55.05	4.70	321.52
0500-3-721	232.91	1,966	29.18	262.09	55.05	4.70	202.34
0500-3-724	232.91	1,966	29.18	262.09	55.05	4.70	202.34
0648-3-612	503.80	2,548	37.91	541.61	71.34	6.09	464.18
0648-3-613 1080-4-120	342.16	2,548	37.81	379.97	71.34	6.09	302.54
1080-4-120	365,42 465,68	4,247 4,247	63.03 63.03	428.45 538.71	118.92	10,15	299.38
1135-2-120	434.22	4,463	66.23	528.71 500.45	118.92 124.96	10.15	399.64
1135-2-120	434.22	4,463	66.23	500.45	124.96	10.67 10.67	364.82 364,82
		.,	77,25	300.13	111.70	20.07	.,U₹, D∠
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EASTERN EDISON COMPANY

D.P.U. 96-24

UNBUNDLED RATE DESIGN - MEDIUM GENERAL SERVICE

Year Ending June 30, 1996

		* * * * * * * * * * * * * * * * * * * *			
		Rate G-2/T-2			
	GENERATION				
1.	Generation Revenues (#1)	\$24,081,458			\$770,806
2.		860,052,061			27,528,799
	•				
3.	GENERATION CHARGE	\$0.0280 0	\$0.02800		
	TRANSMISSION				
4.	Montaup Network Service (#1)	\$1,924,564			\$61,102
5.	divided by: kWh Sales	860,052,061			27,528,799
6.	NETWORK SERVICE TRANSMISSION CHARGE	\$0.00224	\$0.00224	\$0.00224	\$0.00222
	DISTRIBUTION/ACCESS				
7.	Present Customer Charge		\$8.06	\$14.28	\$48.76
в.	Present Demand Charge		\$12.08	\$12.49	\$9.50
9.	Present Off-peak Energy Charge (#2)			\$0.04934	\$0.05909
10.	less: Other Energy Charges (L.3+L.6)			0.03024	0.03022
11.	DIST/ACCESS OFF-PEAK ENERGY CHARGE			\$0.01910	\$0.02887
12.	Present Peak Energy Charge (#2)				\$0.06719
	less: Other Energy Charges (L.3+L.6)				0.03022
	resp. Centr Micray Charges (275.216)				
14.	DIST/ACCESS PEAK ENERGY CHARGE			\$0.02810	\$0.03697
15.	Present Energy Charge (#2)		\$0.05157		
16.	less: Other Energy Charges (L.3+L.6)	_	0.03024		
17.	DIST/ACCESS ENERGY CHARGE		\$0.02133		

^{#1.} From Punctional Unbundling of Allocated Costs

^{#1.} From Functional Unbundling of Allocated Costs #2. Present Base Rates + Test Year PPCA & Fuel Factors

EASTERN EDISON COMPANY D.P.U. 96-24 UNBUNDLED RATE DESIGN - LARGE GENERAL SERVICE Year Ending June 30, 1996

		Rate G-4	Rate G-6/A-6	Rate G-6
	GENERATION			
1.	Generation Revenues (#1)	\$8,761,028	\$5,198,195	
2 .	divided by: kWh Sales	· ·	185,649,833	
3.	GENERATION CHARGE	\$0.02800	\$0.02800	\$0.0280
	TRANSMISSION			
٤.	Montaup Network Service (#1)	\$704.334	\$418,860	
5.	divided by: kWh Sales		185,649,833	
5 .	NETWORK SERVICE TRANSMISSION CHARGE	\$0.00225	\$0.00226	
	DISTRIBUTION/ACCESS			
7.	Present Customer Charge	\$19.81		\$48.76
9.	Present Demand Charge	\$12.00		\$9.50
9.	Present Off-peak Energy Charge (#2)	\$0.05127		\$0.05900
٥.	less: Other Energy Charges (L.3+L.6)	0.03025		0.03026
L.	DIST/ACCESS OFF-PEAK ENERGY CHARGE	\$0.02102		\$0.02874
≩.	Present Peak Energy Charge (#2)	\$0.06027		\$0.06710
	less: Other Energy Charges (L.3+L.6)	0.03025		0.03026
	DIST/ACCESS PEAK ENERGY CHARGE	\$0.03002	_	\$0.03684

^{#1.} From Functional Unbundling of Allocated Costs#2. Present Base rates + Test Year PPCA & Fuel Factors

	EASTERN EDISON COMFANY D.F.U. 96-24 UNBUNDLED RATE DESIGN - RATE A-6 Year Ending June 30, 1996	
		Rate A-6
	GENERATION	
1.	RATE G-6 GENERATION CHARGE	\$0.02B00
	Transmission	
2.	RATE G-6 TRANSMISSION CHARGE	\$0.00226
	DISTRIBUTION/ACCESS	
3.	Present Customer Charge (#1)	\$52.90
4.	USAGE DEMAND CHARGE	\$7.17
5.	RESERVATION DEMAND CHARGE	\$2.33
б.	MAINTENANCE DEMAND CHARGE	\$2.33
7. 8.	Present Off-peak Energy Charge (#2) less: Other Energy Charges (L.1+L.2)	\$0.05960 0.03026
9.	DIST/ACCESS OFF-PEAK ENERGY CHARGE	\$0.02934
	Present Feak Energy Charge (#2) less: Other Energy Charges (L.1+L.2)	\$0.06770 0.03026
12.	DIST/ACCESS PRAK ENERGY CHARGE	\$0.03744

^{#1.} From Verification of Present Rate Revenue #2. Present Base Rates + Test Year FPCA & Fuel Factors

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 1 UNBUNDLED RATES AND SUPPORTING DOCUMENTATION

FUNCTIONAL UNBUNDLING OF ALLOCATED COSTS

EASTERN EDISON COMPANY D.P.U. 96-24 FUNCTIONAL UNBUNDLING OF ALLOCATED COSTS Year Ending June 30, 1996

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		Total	Rate R-1	Rate R-2	Rate R-3	Rate R-4
	RESULTS OF ALLOCATED COSS: (#1)					
1.	Production Demand Function	\$139,209,827	\$45,671,365	\$3,727,006	\$4,580,975	\$30,079
2.	less: CCA Normalization	(2,646,516)	(871,950)	(70,402)	(87,290)	(568
з.	Net Production Demand Function	\$141,856,343				\$30,647
4.	Distribution Function	\$48,038,835	\$17,070,527	\$1,412,074	\$2,691,828	\$13,088
5.	plus: Energy Revenue Req, Dist	(37,695)	(10)	Û	0	C
6.	less: Other Oper. Rev.	786,258	257,248	24,139	24.980	
7.	less: Unbilled, Forfeit Disc.	1,050,561	240,146	19,389	24,041	
8.	Net Distribution Function	\$46,156,321		\$1,368,546		
9.	Production Energy Function	\$47,543,359	\$15,676,573	\$1,265,732	\$1,569,361	\$10,220
.0.	less: Energy Revenue Reg, Dist	(37,695)	(10)	0	Ċ	0
L1.	less: Fuel Normalization			(50,581)		
L2.	Net Production Energy Function	\$49,482,466		\$1,316,313	\$1,632,075	.*.
L3.	Customer Punction			\$1,531,218	\$659,819	\$9,454
4,	TOTAL	\$262,408,164		\$8,013,485	\$9,602,966	\$63,498
L5 .	Present Revenues less Allocated Costs (#2)	\$77	\$3,083,078	(\$2,678,857)	(\$701,378)	(\$10,943
L 6 .	Allocated Costs Plus Excess Deficiency	\$262,408,241	\$94,473,056	\$5,334,628	\$8,901,588	\$52,555
	CALCULATION OF DELIVERY & GENERATION SERVICE REVS		*********		6	
	GENERATION REVENUES:					
17.	Generation Revenue (#3)	\$73,009,290	\$23,945,249	\$1,940,884	\$2,437,604	\$15,767
	DELIVERY SERVICE REVENUES:					
LB.	Network Transmission Revenues (#4)	5.857.811	1.921.555	156,859	192,750	1,266
L9.	POD Allocation Factor (#1)	-,,		0.02678		
0.	Test Year CCA Revenues (#5)	8,207,524	1,153,147	117,037	612,829	502
1.	Customer Function (#6)	23,130,607	13,263,464	116,650	519,693	4,799
2.	Distribution Function (L.16-(L.17,18,20,21))			3,003,198	5,138,712	30,223
3.	Delivery Service Revenues (L.18+L.20+L.21+L.22)		\$70,527,807	\$3,393,744		
4	TOTAL REVENUE REQUIREMENT (L.17 + L.23)	\$262,408,242				

^{#1.} From Allocated Cost of Service Study

^{#2.} Allocated to Cust/Dist Components
#3. \$.02800/kWh + Class Energy Sales
#4. Allocated on Probability of Dispatch Factor

^{#5.} Prom Verification of Present Rate Revenue #6. From L.13 plus Allocation of L.15

EASTERN EDISON COMPANY D.P.U. 96-24

FUNCTIONAL UNBUNDLING OF ALLOCATED COSTS

Year Ending June 30, 1996

-		Rate G-1	Rate G-2	Rate T-2	Rate G-4	Rate G-5
R	ESULTS OF ALLOCATED COSS: (#1)					
1.	Production Demand Function		\$42,128,327			
2.	less: CCA Normalization	(109,331)	(810,167)	(66,887)	(314,315)	(27,935)
з.	Net Production Demand Function	\$5,810,663	\$42,938,494	\$3,687,310	\$17,046,594	\$1,480,528
	Distribution Function	\$2.077.993	\$14,768,388	\$824,185	\$4,598,195	\$370,153
4.	plus: Energy Revenue Req, Dist	(9.304)	(24,981)	0	٥	(1,217)
5.	less: Other Oper. Rev.	22,092	124,754	7.504	39,669	36,648
6.	less: Unbilled, Forfeit Disc.		404,840	31,162	147,110	13,703
7.	Tess: dimilied, reflect base.					
8.	Net Distribution Function	\$1,986,881	\$14,213,813	\$785,519	\$4,411,416	\$318,585
9.	Production Energy Function	\$1,956,331	\$14,540,812			
LO.	less: Energy Revenue Req, Dist	(9,304)	(24,981)	0		(1,217)
L1.	less: Fuel Normalization		(582,072)	(48,055)	(225,822)	(20,070
L 2 .	Net Production Energy Function	\$2,044,185	\$15,147,865	\$1,250,595		
L3.	Customer Function	\$2,602,331	\$2,150,397			
14. T	TOTAL	\$12,444,060	\$74,450,569		\$27,543,291	
L5. P	resent Revenues less Allocated Costs (#2)	\$368,176	\$4,360,368	(\$272,304)	(\$1,280,668)	\$133,732
L6. A	llocated Costs Plus Excess Deficiency	\$12,812,236	\$78,810,937		\$26,262,623	
=	ALCULATION OF DELIVERY & GENERATION SERVICE REVS:		*************			*******
G	ENERATION REVENUES:					
17.	Generation Revenue (#3)	\$2,970,859	\$22,183,587	\$1,897,871	\$8,761,028	\$770,806
ם	DELIVERY SERVICE REVENUES:					
	The state of the s	239,842	1 772 089	152,475	704,334	61,102
LB. L9.	Network Transmission Revenues (#4) POD Allocation Factor (#1)		0.30252			•
19.	FOD RELOCKCEM TREEDE (#2)					
20.	Test Year CCA Revenues (#5)	304,221	4,245,557	363,136	760,319	142,307
21.	Customer Function (#6)	2,811,107	2,723,387	51,711	150,681	194,308
22.	Distribution Function (L.16-(L.17,18,20,21))	6,406,207	47,886,318	3,061,551	15,886,260	1,437,879
23. E	Delivery Service Revenues (L.18+L.20+L.21+L.22)	\$9,841,377	\$56,627,350	\$3,628,873	\$17,501,595	\$1,835,597

^{#1.} From Allocated Cost of Service Study

^{#2.} Allocated to Cust/Dist Components

^{#3. \$.02800/}kWh * Class Energy Sales #4. Allocated on Probability of Dispatch Factor

^{#5.} From Verification of Present Rate Revenue

^{#6.} From L.13 plus Allocation of L.15

EASTERN EDISON COMPANY D.P.U. 96-24 FUNCTIONAL UNBUNDLING OF ALLOCATED COSTS Year Ending June 30, 1996

		Rate G-6	Rate H-1		Rate W-1		Rate S-1
	RESULTS OF ALLOCATED COSS: (#1)		·	**			
1. 2.		\$9,632,746 (178,624)	\$982,099 (18,797)	\$157,925 (3,039)	\$2,960,424 (56,505)	\$313,893 (5,821)	\$1,518,36 (24.88
3.	Net Production Demand Punction		\$1,000,896				
4.	Distribution Function	\$2,011,865	\$683,478	\$86,167	\$637,297	\$275,114	\$516,48
5.	plus: Energy Revenue Req, Dist	(2,115)		0			(6
6.	less: Other Oper. Rev.						19,59
7.	less: Unbilled, Forfeit Disc.	83,955	4,840 9,486	837	15,562	1,603	6,85
8.	Net Distribution Function	\$1,738,893	\$669,152				
9.	Production Energy Function	\$3,209,331	\$337,944	\$54,633	\$1,015,884	\$104,659	\$447,33
10.	less: Energy Revenue Req, Dist	(2,115)	C	0	0	0	(6
11.	less: Fuel Normalization	(128,334)	(13,505)	(2,183)	(40,596)	(4,182)	(17,87
12.	Net Production Energy Function		\$351,449	\$56,816	\$1,056,480	\$108,841	\$465,28
13.	Customer Function	\$150,870	\$22,025	\$24,683	\$1,815,310	\$3,898	\$3,537,18
14.	TOTAL	\$15,040,913	\$2,043,522	\$329,073	\$6,498,734	\$680,678	\$6,035,67
15.	Present Revenues less Allocated Costs (#2)	\$37,320	(\$174,701)	(\$30,755)	(\$1,252,124)	(\$88,042)	(\$1,492,82
16.	Allocated Costs Plus Excess Deficiency	\$15,078,233	\$1,868,821	\$298,318	\$5,246,610	\$592,636	\$4,542,85
	CALCULATION OF DELIVERY & GENERATION SERVICE REVS:			**********	**********		3########
	GENERATION REVENUES:						
17.	Generation Revenue (#3)	\$5,038,125	\$513,074	\$82,772	\$1,539,671	\$160,070	\$751,92
	DELIVERY SERVICE REVENUES:						
LB.	Network Transmission Revenues (#4)	405,642	41,317	6,643	124,556	13,218	
9.	POD Allocation Factor (#1)		0.00705				
80.	Test Year CCA Revenues (#5)	372,519	94,901	4,545	(46,053)	2,557	(
1.	Customer Function (#6)	153,849	16,458	17,862	878,119	2,537	2,225,98
2.	Distribution Function (L.16-(L.17,18,20,21))	9,108,097	1,203,071	186,496	2,750,317	414,254	1,500,78
Э.	Delivery Service Revenues (L.18+L.20+L.21+L.22)	\$10,040,108	\$1,355,747	\$215,546	\$3,706,939	\$432,566	\$3,790,93
4.	TOTAL REVENUE REQUIREMENT (L.17 + L.23)	\$15,078,233					

是是是某人的人,我们也是我们的人,我们也没有一个,我们也没有的人,我们也没有什么,我们也没有的人,我们也没有的人,我们也没有一个,我们也没有的人,我们也没有的人 第一天,我们也是我们也是我们的人,我们也是我们的人,我们也没有的人,我们也没有什么,我们也没有的人,我们也没有的人,我们也没有一个,我们也没有一个,我们也没有一 #1. From Allocated Cost of Service Study #2. Allocated to Cust/Dist Components

^{#3. \$.02800/}kWh * Class Energy Sales

^{#4.} Allocated on Probability of Dispatch Factor #5. Prom Verification of Present Rate Revenue

^{#6.} From L.13 plus Allocation of L.15

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 1 UNBUNDLED RATES AND SUPPORTING DOCUMENTATION

MONTAUP TRANSMISSION CHARGES

EASTERN EDISON COMPANY D.P.U. 96-24 MONTAUP TRANSMISSION CHARGES TEST YEAR ENDING JUNE 30, 1996

(A)	(B)	(C)	(D)	{ E }	(P)	(G)
	Coincident kw	12 MONTH ROLLING TOTAL	SYSTEM 12 MONTH ROLLING TOTAL	OF SYSTEM (Col. C/Col.D)	1/12 TRANSMISSION REV REQ	EEC TRANSMISSION REVENUE REQUIREMENT (Col. B*Col. F
ul 1994	540,900	#*************************************				
ug 1994	502,400					
ep 1994	388,800					
ct 1994	366,700					
ov 1994	399,600					
ec 1994	452,500					
an 1995	450,000					
eb 1995	467,300					
ar 1995	415,800					
pr 1995	395,100					
ay 1995	376,500					
un 1995	504,800					
ul 1995	548,300	5,267,800	9,007,130	58.485%	831,862	486,51
ug 1995	544,200	5,309,600	9,077,860	58.490%	831,862	486,55
ep 1995	431,700	5,352,500	9,132,290	58.611*	831,862	487,56
ct 1995	390,300	5,376,100	9,168,420	58.637%	831,862	487,78
ov 1995	437,800	5,414,300	9,233,360	58.638%	831,862	487,79
ec 1995	483,800		9,281,800	58.670%	831,862	488,05
an 1996	451,100		9,286,040	58.655%	831,862	487,92
eb 1996	465,800	5,445,200	9,280,880	58.671₩	831,862	488,08
ar 1996	429,200	5,458,600	9,296,120	58.719%	831,862	400,46
pr 1996	386,700	5,450,200	9,278,860	58.738%	831,862	488,61
ay 1996	457,100	5,530,800	9,388,500	58.910%	831,862	490,09
un 1996	464,900	5,490,900	9,313,340	50.957%	831,862	490,44
nnual Revenu	ie					5,857,81
EC Retail Sa	les Y.E. 6/96					2,607,474,63
m	mission Rate	• .				\$0.002

Notes:

The calculation of retail company transmission revenues is in accordance with the method specified in Montaup Electric Company's Open Access Transmission Tariff, filed at FERC on July 9, 1996.

Column D: Sum of Montaup Electric Company's five wholesale customers' monthly coincident demands.

Column F: The annual revenue requirement for Network Integration Transmission Service is \$12,164,682. The five wholesale customers are responsible for \$2.06%, of \$9,982,340 of the total.

file: N:\EECO\DPU0696\TRANSMSN.WK1, 14-Mar-97

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 1 UNBUNDLED RATES AND SUPPORTING DOCUMENTATION

ALLOCATED COST OF SERVICE STUDY

Run# 5404 PAGE 1- 1

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGHT. (REV. - 01)

RATE BASE = 6/30/96

ABG ON REV REG ALLOC

LEVELIZED ROR @ 10.16%

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EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.B.P.U. DOCKET 96 - 24

ESSSD & TRANS MULTI-UNIT POD ESSSE ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REONT. (REV - 01)

RATE BASE = 6/30/96

A4C ON REV REQ ALLOC
LEVELIZED ROR @ 10.16%

SUMMARY OF RESULTS

			SUMMART OF RESULT	ъ ТОТАL С	0 H P A	N Y	
						L SERVICE	
			TOTAL		SSI	SPACE HT	TOU
			COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-
	0ut	In	Alloc				
DEVELOPMENT OF RATE BASE							
1 ELECTRIC PLANT IN SERVICE	SUMA	APEPIS	220,405,307	82,025,561	7,309,542	10,763,385	68,54
2 LESS: ACCUM PROV FOR DEPREC	SUMB	AACDPR	77,906,647	28,153,693	2,488,897	3,801,666	23,67
3 NET ELEC PLANT IN SERVICE	SUMC	NTPLT	142,498,660	53,871,868	4,820,646	6,961,719	44,87
4 PLUS: MATERIALS & SUPPLIES	SUND	PLT123	1,785,054	671,236	60,495	86,042	56
. 5 SPARE	SUME	PLT10	0	0	0	0	
6 WORKING CASH	SUMF	HÇASHA	5,093,605	2,108,663	229,886	225,166	1,56
7 LESS: CUSTOMER DEPOSITS	SUMG	CD	1,093,750	298	0	٥	
8 CUSTOMER ADVANCES	SUMM	CA	3,420	1,273	113	. 167	
9 DEFERRED INCOME TAX	SUMI		17,391,461	6,472,368	576,772	849,303	5,40
10 SPARE	SUMJ	PLT12	0	0	9	9	
11 RATE BASE	SUMK	RB	130,888,688	50,177,828	4,534,141	6,423,456	41,59
RETURN UNDER PRESENT RATES							
12 SALES OF ELECTRICITY	SUML	SUML	263,466,801	94,713,202	5,354,017	8,925,629	52,71
13 OTHER OPERATING REVENUES	SUMM	R20	-3,761,670	-1,241,1 64	-96,843	-125,024	-81
14 TOTAL REVENUES	SUMM	ROO	259,705,131	93,472,038	5,257,175	8,800,605	51,89
15 OPERATION & MAINT EXPENSE	SUMO	AONE	228,097,638	78,448,909	6,857,154	7,976,416	52,96
16 DEPRECIATION EXPENSE	SUMOO	ADX403	9,673,557	3,479,124	309,233	457,791	2,81
17 TAXES OTHER THAN INCOME	SUMP	AOTTAX	4,471,528	1,716,913	158,188	209,732	1,49
18 STATE INCOME TAX	SUMO	STAX	744,770	493,513	-147,324	-8,876	-47
19 FEDERAL INCOME TAX	SUMR	FTAX	3,414,067	2,359,765	-752,851	-61,075	-2,47
20 TOTAL OPERATING EXP	SUNS	TOE	246,401,560	86,498,224	6,424,399	8,573,988	54,32
21 OPERATING INCOME	SUHT	OPINC	13,303,571	6,973,815	-1,167,225	226,617	-2,42
22 RATE OF RETURN	RTRT		10.16	13.90	-25.74	3.53	-5.8

Run# 5404 PAGE 2- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON WHH COST DIST PLT ON NCP 349 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

ABG ON REV REG ALLOC
LEVELIZED ROR & 10.16%

DIST PLT ON NCP 369 & 370 DIR CUST								ED ROR & 10.1	
			SUM	MARY OF RESULT		TALC	0 H P A	N Y	
						GENERAL S	ERVICE		
				SM.GEN.SVC	MD.GEN.SVC	LG.GEN.SVC	PRI GEN SVC	PRT GEN SVC	TOU
				RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
	Out	In	Alloc						
DEVELOPMENT OF RATE BASE									
1 ELECTRIC PLANT IN SERVICE	SUHA	APEPIS		11,181,817	58,307,563	17,117,922	1,598,935	7,340,561	3,051,63
2 LESS: ACCUM PROV FOR DEPREC	SUMB	AACDPR		3,847,594	20,653,786	6,117,018	538,961	2,528,490	1,086,26
3 NET ELEC PLANT IN SERVICE	SUNC	NTPLT		7,334,223	37,653,776	11,000,904	1,059,974	4,812,071	1,965,36
4 PLUS: MATERIALS & SUPPLIES	SUMD	PLT123		96,773	463,184	134,171	12,893	58,342	23,99
5 SPARE	SUME	PLT10		0	Ó	0	0	0	•
6 WORKING CASH	SUMF	WCASHA		375,034	1,086,374	298,185	36,763	140,428	58,29
7 LESS: CUSTOMER BEPOSITS	SUNG	CD		312,137	6 9 3,567	0	32,794	51,377	1
8 CUSTOMER ADVANCES	SUMH	CA		174	905	266	25	114	40
9 DEFERRED INCOME TAX	SUMI			882,321	4,600,859	1,350,719	126,167	57 9 ,220	240,7 9
10 SPARE	SUHJ	PLT12		0	0	0	0	Q	1
11 RATE BASE	SUHK	RB		6,611,399	33,908,004	10,082,274	950,645	4,380,131	1,806,81
RETURN UNDER PRESENT RATES					•				
12 SALES OF ELECTRICITY	SUML	SUNL		12,871,952	79,215,777	26,409,733		15,162,188	5,557,90
13 OTHER OPERATING REVENUES	SUMM	R20		-165,789	-1,267,485	-500,468	-11,357	-120,056	-107,43
14 TOTAL REVENUES	SUMN	ROO		12,706,163	77, 948 ,292	25,909,264	2,608,748	15,042,132	5,450,4 6
15 OPERATION & MAINT EXPENSE	SUMO	ADME		10,708,578	65,503,386	24,800,907	2,252,930	13,982,659	5,295,57
16 DEPRECIATION EXPENSE	SUMOO	ADX403		474,048	2,471,196	733,555	63,217	296 ,620	129, 9 0
17 TAXES OTHER THAN INCOME	SUMP	AOTTAX		274,292	1,113,846	313,174	32,004	140,456	56,42
18 STATE INCOME TAX	SUMQ	STAX		61,401	472,642	-26,306	14,107	27,457	-7,44
19 FEDERAL INCOME TAX	SUMR	FTAX		292,104	2,290,799	-158,503	68,591	127,061	-42,13
20 TOTAL OPERATING EXP	SUMS	TOE		11,810,422	71,851,869	25,662,828	2,430,850	14,574,254	5,432,31
21 OPERATING INCOME	SUMT	OPINC		895,741	6,096,423	246,436	177,898	467,878	18,15

13.55

17.98

18.71

2.44

10.68

1.0

RTRT

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22 RATE OF RETURN

Run# 5404 PAGE 2- 3

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST

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DIST. REV. REGMT. (REV ~ 01)

RATE BASE * 6/30/96

ANG ON REV REQ ALLOC
LEVELIZED ROR 9 10.16%

SUMMARY OF RESULTS

			SUMMARY OF RES				N Y	
				T 0 T: : HEATING:		OFF PEAK	H 1	
				CON SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTIN
				RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-
	0ut	In	Alloc					
DEVELOPMENT OF RATE BASE								
1 ELECTRIC PLANT IN SERVICE	SUMA	APEPIS		2,579,434	377,702	987,232	5,969,384	11,726,08
2 LESS: ACCUM PROV FOR DEPREC	SUMB	AACDPR		918,175	132,986	338,999	2,010,826	5,265,60
3 NET ELEC PLANT IN SERVICE	SUHC	NTPLT		1,661,259	244,716	648,232	3,958,558	6,460,47
4 PLUS: MATERIALS & SUPPLIES	SUMD	PLT123		20,286	3,036	7,817	52,492	93,72
5 SPARE	SUME	PLT10		٥	e e	0	0	•
6 WORKING CASH	SUMF	WCASHA		42,607	7,339	17,357	193,089	272,86
7 LESS: CUSTOMER DEPOSITS	SUMG	CD		0	0	0	0	3,57
8 CUSTOMER ADVANCES	SUMH	CA		40	6	15	93	18
9 DEFERRED INCOME TAX	SUMI			203,535	29,803	77,899	471,025	925,26
10 SPARE	SUNJ	PLT12		0	0	0	Û	
11 RATE BASE	SUHK	RB		1,520,578	225,283	595,492	3,733,022	5,898,03
RETURN UNDER PRESENT RATES								
12 SALES OF ELECTRICITY	SUML	SUML		1,878,307	299,155	594,239	5,262,172	4,549,70
13 OTHER OPERATING REVENUES	SUMM	R20		-27,461	-4,502	15,282	-85,381	-23,17
14 TOTAL REVENUES	SUMM	ROO		1,850,845	294,653	609,522	5,176,791	4,526,53
15 OPERATION & MAINT EXPENSE	SUMO	AOME		1,665,576	272,077	559,322	5,542,307	4.178.87
16 DEPRECIATION EXPENSE	SUMOO	ADX403		109,767	15,751	39,817	Z29,445	861,27
17 TAXES OTHER THAN INCOME	SUMP	XATTOA		47,717	7,490	18,667	152,764	228,37
18 STATE INCOME TAX	SUMO	STAX		-2,762	-712	-2,287	-59,173	-68,99
19 FEDERAL INCOME TAX	SUHR	FTAX		-17,831	-4,160	-13,015	-306,999	-365,20
20 TOTAL OPERATING EXP	SUMS	TOE		1,802,469	290,446	602,504	5,558,344	4,834,32
21 OPERATING INCOME	SUMT	OPINC		48,377	4,207	7,018	-381,554	-307,78
22 RATE OF RETURN	RTRT			3.18	1.87	1.18	-10.22	-5.2

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Run# 5404 PAGE 3- 1

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE NONTHS ENDING JUNE 30, 1996 N.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REQNT. (REV - 01)

RATE BASE = 6/30/96

AAG ON REV REQ ALLOC
LEVELIZED ROR & 10.16%

				PADL	.c 1 - Electric Plan	TOTAL C	D H P A I	. v	
							RESIDENTIA	SEBVICE	
					TOTAL		SSI	SPACE HT	TOU
					COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
		Out	In	Alloc		NATE IN 2	MAIL N L	NAIL K 3	WAIL N
	ELECTRIC PLANT IN SERVICE							•	
	INTANGIBLE PLANT								
1	303-INTANGIBLE PLANT	P303	Q303	TD1	0	0	0	0	C
	TRANSMISSION PLANT								
2	350-LAND & LAND RIGHTS	P350	9350	DTGUP	0	0	Ð	0	đ
3	352-STRUCT & IMPROVEMENTS	P352	Q352	DTGUP	0	0	0	0	0
4	353-STATION EQUIPMENT	P353	Q353	DTGUP	0	0	0	0	0
5	354-TOWERS & FIXTURES	P354	Q354	DTCUP	Ō	0	0	0	. 0
6	355-POLES & FIXTURES	P355	Q355	DTGUP	0	0	0	0	
7	356-OVERHEAD COND & DEVICES	P356	Q356	DTGUP	0	c c	0	0	0
8	359-ROADS & TRAILS	P359	Q359	DTGUP	0	0	0	0	
9	TOTAL TRANSMISSION PLANT	PTRAN			0	0	0-	. 0	0
	DISTRIBUTION PLANT								
10	360~LAND & LAND RIGHTS	P360	Q360	D10	2,101,209	729,290	60,352	115,726	561
11	361-STRUCTURES & IMPROVEMENT	P361	9361	D10	1,446,092	501,912	41,535	79,645	386
12	362-STATION EQUIPMENT	P362	0362	D10	21,331,067	7,403,615	612,679	1,174,830	5,691
	364-POLES, TOWERS & FIXTURES PRIMARY FUNCTION PRIMARY CUSTOMER SERVICE								·
13	CAPACITY COMPONENT	D7460B	Q364PD	20244	62,073				_
14	CUSTOMER COMPONENT		Q364PC		02,073	v		<u>0</u> .	0
15	TOTAL PRIMARY SERVICE	P364PS	430466	430	62,073	v		v	
	REMAINING PRIMARY PLANT	F304F3			GE,073	•	U	v	•
16	PRIMARY CAPACITY	D364PD	9364PR	D10	29,631,699	10,284,610	851,093	1,631,996	7,906
17	SECONDARY CAPACITY		Q364P0		27,031,077	10,204,010	0	1,031,770	7,700
18	TOTAL REMAINING PRIMARY	P3640P	4554.5		29,631,699	10,284,610	851.093	1,631,996	7,906
19	TOTAL PRIMARY FUNCTION	P364P			29,693,772	10,284,610	851,093	1,631,996	7,906
	SECONDARY FUNCTION				27,073,772	14,254,014	031,073	1,001,770	7,700
20	CAPACITY COMPONENT	P364SD	Q364SD	D32	8,234,058	3,100,890	256,611	492,059	2,384
21	CUSTOMER COMPONENT		Q364SC		0	0,100,000	0	472,037	2,304
22	TOTAL SECONDARY FUNCTION	P3645			8,234,058	3,100, 89 0	256,611	492,059	2,384
23	TOTAL ACCOUNT 364	P364			37,927,830	13,385,499	1,107,704	2,124,055	10,289
	- ·				,	,,		_,,	A+,L07

Run# 5404 PAGE 3- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE NONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

AGG ON REV REQ ALLOC

LEVELIZED ROR & 10.16%

				IADLE	: 1 - ELECIRIC	T D	_		. v	
							TALC GEMERALS	O M P A P		
					SH.GEN.SVC	ND.GEN.SVC	LG.GEN.SVC	PRI GEN SVC	DOT CEN SUC	TOU
					RATE G-1	RATE G-Z	RATE G-4	RATE G-5	RATE G-6	RATE T-2
		Out	In	Alloc		NATE OF E	KAIL 0 4	MAIL D 3	KAIL U-U	KATE I'E
	ELECTRIC PLANT IN SERVICE									
	INTANGIBLE PLANT									
1	303-INTANGIBLE PLANT	P303	Q303	TD1	0	C	0	0	0	1
	TRAMSMISSION PLANT									
2		P350	9350	DTGUP		a	•	a	0	
3	352-STRUCT & IMPROVEMENTS	P352	035Z	DTGUP		Ŏ	Š		0	:
4	353-STATION EQUIPMENT	P353	Q353	DTGUP	,	Š	,		ů,	!
5	354-TOWERS & FIXTURES	P354	Q354	DTGUP			v		Ů	
6	355-POLES & FIXTURES	P355	9355	DIGUP	0	0	v		0	!
7	356-OVERHEAD COND & DEVICES					•		v	0	!
-		P356	Q356	DTGUP		0	<u> </u>	0	0	•
å	359-ROADS & TRAILS	P359	Q359	DTGUP	0	0	0	0	0	
9	TOTAL TRANSMISSION PLANT	PTRAN			0	0	0	0	Q	1
	DISTRIBUTION PLANT									
10	360-LAND & LAND RIGHTS	P360	Q36 0	D10	90,385	633,067	190,114	24,189	123,255	34,85
11	361-STRUCTURES & IMPROVEMENT	P361	Q361	D10	62,205	435,689	130,840	16,647	84,827	23,980
12	362-STATION EQUIPMENT	P362	Q362	D10	917,572	6,426,775	1,930,004	245,562	1,251,266	353,81
	364-POLES, TOWERS & FIXTURES									
	PRIMARY FUNCTION									
	PRIMARY CUSTOMER SERVICE									
13	CAPACITY COMPONENT	P364PD	Q364PD	DP364	0	18,384	3,040	403	38.757	(
14	CUSTOMER COMPONENT	P364PC	Q364PC	C30	0	0	0	0	Ď	
15	TOTAL PRIMARY SERVICE	P364PS			0	18,384	3,040	403	38.757	(
	REMAINING PRIMARY PLANT						•			
16	PRIMARY CAPACITY	P364PR	9364PR	D10	1,274,630	8,927,649	2,681,033	341,118	1,738,175	491,499
17	SECONDARY CAPACITY	P364P0	Q364P0	D32	0		0	0	Ď	1
18	TOTAL REMAINING PRIMARY	P3640P			1,274,630	8,927,649	2,681,033	341,118	1,738,175	491,499
19	TOTAL PRIMARY FUNCTION	P364P			1,274,630	8,946,032	2,684,073	341,521	1,776,932	491,495
	SECONDARY FUNCTION					-,,	-,	- 1-,	.,,,	402,40
20	CAPACITY COMPONENT	P364SD	Q364SD	D32	384,311	2,691,755	808,352	0	0	148,191
21	CUSTOMER COMPONENT		Q364SC		0	0	0	0	0	140,17
22	TOTAL SECONDARY FUNCTION	P364S			384,311	2.691.755	808.352	0		148,19
23	TOTAL ACCOUNT 364	P364			1,658,940	11,637,788	3,492,425	341,521	1,776,932	639,689
					-,,/	-1,00,,,00	~,~/u,~E3	541,521	.,,,,,,,,,	027,00

Run# 5404 PAGE 3-3

EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST

DIST. REV. REGNT. (REV - 01)

RATE BASE = 6/30/96

ANG ON REV REG ALLOC

LEVELIZED ROR = 10.16%

					 Т О Т	A L C	0 H P A I	W Y	
					HEATING		DFF PEAK		
					COM SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTIN
					RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-
		Out	In	Alloc					
	ELECTRIC PLANT IN SERVICE								
	INTANGIBLE PLANT								
1	303-INTANGIBLE PLANT	P303	Q3 03	TD1	0	0	0	0	1
	TRANSMISSION PLANT								
2	350-LAND & LAND RIGHTS	P350	Q35 0	DTGUP	0	0	0	0	1
3	352-STRUCT & IMPROVEMENTS	P352	Q352	DTGUP	0	0	o	á	i
4	353-STATION EQUIPMENT	P353	Q353	DTGUP	9	0	0	Ŏ	i
5	354-TOWERS & FIXTURES	P354	Q354	DTGUP	0	Ů	0	ā	i
6	355-POLES & FIXTURES	P355	Q355	DTGUP	0	0	D	Ô	i
7	356-OVERHEAD COND & DEVICES	P356	Q356	DTCUP	¢.	Ó	ð	ā	ì
8	359-ROADS & TRAILS	P359	Q35 9	DTGUP	0	0	0	Ó	ì
9	TOTAL TRANSHISSION PLANT	PTRAN			0	0	0	ō	i
	DISTRIBUTION PLANT							٠.	
10	360-LAND & LAND RIGHTS	P360	Q360	D10	29,433	3,788	17,217	26,880	22,098
11	361-STRUCTURES & IMPROVEMENT	P361	Q361	D10	20,256	2,607	11,849	18,500	15.201
12	362-STATION EQUIPMENT	P362	Q362	D10	298,793	38,454	174,786	272,885	224,33
	364-POLES, TOMERS & FIXTURES					,	2, 1,,,00	2,2,005	LET, JOS.
	PRIMARY FUNCTION								
	PRIMARY CUSTOMER SERVICE								
13	CAPACITY COMPONENT	P364PD	Q364PD	DP364	0	0	1,489	0	
14	CUSTONER COMPONENT	P364PC	Q364PC	C30	0	0	0	Ŏ	
15	TOTAL PRIMARY SERVICE	P364PS			0	0	1,489	Õ	i
	REHAINING PRIMARY PLANT							_	,
16	PRIMARY CAPACITY	P364PR	Q364PR	D10	415,064	53,417	242,801	379,074	311,636
17	SECONDARY CAPACITY	P364P0	9364P0	D32	0	0	0	0	
18	TOTAL REMAINING PRIMARY	P3640P			415,064	53,417	242,801	379,074	311.636
19	TOTAL PRIMARY FUNCTION	P364P			415,064	53,417	244,290	379,074	311,636
	SECONDARY FUNCTION					,		#. / / - / /	511,551
20	CAPACITY COMPONENT	P364SD	Q364SD	D32	125,145	16,106	0	114,294	93,961
21	CUSTOMER COMPONENT	P364SC	Q364SC	C32	0	0	ů	0	75,744
22	TOTAL SECONDARY FUNCTION	P364\$			125,145	16,106	0	114,294	93,961
23	TOTAL ACCOUNT 364	P364			540,209	69,523	244,290	493,367	405,597

Run# 5404 PAGE 4- 1

EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
H.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGNT. (REV - 01)

RATE BASE = 6/30/96

ANG ON REV REG ALLOC

LEVELIZED ROR @ 10.16%

						T O T A L C	0 M P A +	· ·	
						***************************************	RESIDENTIAL	SERVICE	
					TOTAL		SSI	SPACE HT	TOU
	* .				COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
		Out	In	Alloc					
	365-OVERHEAD CONDUCT & DEVI	CES							
	PRIMARY FUNCTION								
	PRIMARY CUSTOMER SERVICE								
1	CAPACITY COMPONENT	P365PD	Q365PD	DP365	109,553	G	0	0	Ç
2	CUSTOMER COMPONENT	P365PC	Q365PC	C30	0	0	0	9	Q
3	TOTAL PRIMARY SERVICE	P365PS			109,553	0	0	0	0
	DISTRIBUTION PLANT								
	REHAINING PRIMARY PLANT								
4	PRIHARY CAPACITY	P365PR	Q365PR	D10	24,748,255	8,589,657	710,828	1,363,035	6,603
. 5	SECONDARY CAPACITY	P365P0	Q365P0	D32	0	0	0	0	0
6	TOTAL REMAINING PRIMARY	P3650P			24,748,255	8,589,657	710.828	1,363,035	6,603
7	TOTAL PRIMARY FUNCTION	P365P			24,857,808	8.589,657	710,828	1,363,035	6,603
	SECONDARY FUNCTION						•		7,772
8	CAPACITY COMPONENT	P365SD	9365SD	D32	13,475,328	5,074,716	419,953	805,273	3.901
9	CUSTOMER COMPONENT	P365SC	Q365SC	C32	. 0	0	ð	0	0
10	TOTAL SECONDARY FUNCTION	P365S			13,475,328	5,074,716	419.953	805,273	3,901
11	TOTAL ACCOUNT 365	P365			38,333,136	13,664,373	1,130,761	2,168,308	10,504
	366-UNDERGROUND CONDUIT						-,	_,,	*****
	PRIMARY FUNCTION								
	PRIMARY CUSTOMER SERVICE								
12	CAPACITY COMPONENT	P366PD	Q366PD	DP366	25,129	0	0	0	0
13	CUSTOMER COMPONENT	P366PC	Q366PC	C30	0	0	0	ā	0
14	TOTAL PRIMARY SERVICE	P366PS			25,1 29	0	0	Ō	ū
	REMAINING PRIMARY PLANT				-		-	_	•
15	PRIMARY CAPACITY	P366PR	Q366PR	D10	7,258,799	2,519,394	208,490	399,786	1,937
16	SECONDARY CAPACITY	P366P0	Q366 P0	520	0	0	0	0	2,72,
17	TOTAL REMAINING PRIMARY	P3660P			7,258,799	2,519,394	208,490	399,786	1,937
18	TOTAL PRIMARY FUNCTION	P366P			7,283,928	2,519,394	208,490	399.786	1,937
	SECONDARY FUNCTION				. ,	_,,		577,100	2,75,
19	CAPACITY COMPONENT	P366SD	Q366SD	D32	2,156,645	812,178	67,211	128,879	624
20	CUSTOMER COMPONENT	P366SC			0	0	0,,222	100,077	0
21	TOTAL SECONDARY FUNCTION	P366S	-		2,156,645	812,178	67,211	128,879	624
22	TOTAL ACCOUNT 366	P366			9,440,573	3,331,571	275,701	528.665	2,561

Run# 5404 PAGE 4- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWM COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REGNT. (REV - 01)

RATE BASE = 6/30/96

ANG ON REV REQ ALLOC

LEVELIZED ROR @ 10.16%

TABLE 1 - ELECTRIC PLANT IN SERVICE

				IABLI	E I - ELECTRIC					
						T 0		OMPAI	N Y	
							GENERAL S			
					SM.GEN.SVC	MD.GEN.SVC	LG.GEN.SVC		PRI GEN SVC	TOU
			_		RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
	TAT OUTDUTED COMPUST - DOM	Out	In	Alloc						
	365-OVERHEAD CONDUCT & DEV	ICES								
	PRIMARY FUNCTION									
	PRIMARY CUSTOMER SERVICE									
1	CAPACITY COMPONENT		9365PD		0	35,044	7,094	3,965	62,635	1
2	CUSTOMER COMPONENT		Q365PC	C50	0	Û	Q	0	Đ	1
3	TOTAL PRIMARY SERVICE	P365PS			0	35,044	7,094	3, 96 5	62,635	1
	DISTRIBUTION PLANT									
	REMAINING PRIMARY PLANT									
4	PRIMARY CAPACITY		9365PR		1,064,565	7,456,330	2,239,186	284,900	1,451,716	410,49
5	SECONDARY CAPACITY		Q365P0	D32	0	0	0	0	0	T.
6	TOTAL REMAINING PRIMARY				1,064,565	7,456,330	2,239,186	284,900	1,451,716	410,497
7	TOTAL PRIMARY FUNCTION	P365P			1,0 6 4,565	7,491,374	2,246,280	288,865	1,514,351	410,497
_	SECONDARY FUNCTION									
8	CAPACITY COMPONENT		Q365SD		628,938	4,405,153	1,322,897	0	0	242,519
9	CUSTOMER COMPONENT		9365SC	C32	0	0	0	0	0	(
	TOTAL SECONDARY FUNCTION				628,938	4,405,153	1,322,897	0	0	242,515
11	TOTAL ACCOUNT 365	P365			1,693,503	11,896,527	3,569,177	288,865	1,514,351	653,017
	366-UNDERGROUND COMBUIT									
	PRIMARY FUNCTION									
	PRIMARY CUSTONER SERVICE									
12	CAPACITY COMPONENT		9366PD		0	2,828	0	0	22,301	C
13	CUSTONER COMPONENT	P366PC	Q366PC	C30	0	0	0	0	0	C
14	TOTAL PRIMARY SERVICE	P366PS			Ů	2,828	0	0	22,301	G
	REMAINING PRIMARY PLANT									
15	PRIMARY CAPACITY	P366PR	Q366PR	D10	312,243	2,186,982	656,766	83,563	425,796	120,401
16	SECONDARY CAPACITY	P366P0	9366P0	D32	0	0	0	0	0	- 4
17	TOTAL REMAINING PRIMARY	P3660P			312,243	2,186,982	656,766	\$3,563	425,796	120,40]
18	TOTAL PRIMARY FUNCTION	P366P			312,243	2,189,810	656,766	83,563	448,097	120,401
	SECONDARY FUNCTION								•	
19	CAPACITY COMPONENT	P366SD	Q366SD	D32	100,658	705,018	211,722	0	0	38,814
20	CUSTOMER COMPONENT	P366SC	Q366SC	C32	0	0	0	O.	0	
21	TOTAL SECONDARY FUNCTION	P366S			100,658	705,018	211,722	a	ō	38.814
22	TOTAL ACCOUNT 366	P366			412,900	2,894,829	868,487	83,563	448,097	159,215
								•		,

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Run# 5404 PAGE 4- 3

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGNT. (REV - 01)

RATE BASE = 6/30/96

AAG ON REV REG ALLOC
LEVELIZED ROR \$ 10.16%

						T D T	A L C	0 M P A	N Y	
						HEATING	SERVICE	OFF PEAK		
					CO	SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTIM
						RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-
		Out	In	Alloc						
	365-OVERHEAD CONDUCT & DEVI	CES								
	PRIMARY FUNCTION									
	PRIMARY CUSTOMER SERVICE									
I	CAPACITY COMPONENT	P365PD	Q365PD	DP365		0	0	815	۵	1
2	CUSTONER COMPONENT	P365PC	Q365PC	C30		0	0	0	Ō	ì
3	TOTAL PRIMARY SERVICE	P365PS				0	0	815	ů.	i
	DISTRIBUTION PLANT								-	
	REMAINING PRIMARY PLANT									
. 4	PRIMARY CAPACITY	P365PR	Q365PR	D10		346,659	44,614	202,786	316,601	260,27
5	SECONDARY CAPACITY	P365P0	Q365P0	D32	·	a	0	0	0	1
6	TOTAL REMAINING PRIMARY	P3650P				346,659	44,614	202,786	316,601	260 .27
7	TOTAL PRIMARY FUNCTION	P365P				346.659	44,614	203,601	316,601	260,27
	SECONDARY FUNCTION					,	.,,	2.0,002	2,0,021	200,271
8	CAPACITY COMPONENT	P365SD	Q365SD	D32		204.804	26,358	0	187,046	153.770
9	CUSTOMER COMPONENT	P365SC				0	0	Ď	0	133,771
10	TOTAL SECONDARY FUNCTION	P365S				204.804	26.358	0	187,046	153,770
11	TOTAL ACCOUNT 365	P365				551,463	70,971	203,601	503.646	414,847
	366-UNDERGROUND COMBUIT					,	10,77.2	220,001	343,040	414,047
	PRIMARY FUNCTION									
	PRIMARY CUSTOMER SERVICE									
12	CAPACITY COMPONENT	P366PD	Q366PD	DP366		a	0		n	
13	CUSTOMER COMPONENT	P366PC	Q366PC	C30		ā	0	ň	ů	ì
14	TOTAL PRIMARY SERVICE	P366PS				Ŏ	0	ů	ŏ	·
	REMAINING PRIMARY PLANT					•	•	•	•	•
15	PRIMARY CAPACITY	P366PR	Q366PR	D10		101,677	13,085	59,478	92,861	76,341
16	SECONDARY CAPACITY	P366P0				0	0	27,470	72,001 0	10,541
17	TOTAL REMAINING PRIMARY	P3660P				101,677	13,085	59.478	92,861	76,341
18	TOTAL PRIMARY FUNCTION	P366P				101,677	13,085	59,478	92,861	76,341
	SECONDARY FUNCTION					141,0	10,403	37,476	72,004	70,341
19	CAPACITY COMPONENT	P366SD	9366SD	D32		32,778	4,218	0	29,936	24,610
20	CUSTOMER COMPONENT	P366SC				0	4,210	D	27,73G 0	24,610
21	TOTAL SECONDARY FUNCTION		+			32,778	4,218		29.936	24,610
22	TOTAL ACCOUNT 366	P366				134,455	17,304	59,478	122.796	100,951
						,,,	2. ,504	37,470	166,170	100,791

Run# 5404 PAGE 5- 1

EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST

DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

AGG ON REV REG ALLOC

LEVELIZED ROR 0 10.16%

						TOTAL C	0 M P A	N Y	
							RESIDENTIA	L SERVICE	
					TOTAL		SSI	SPACE HT	TOU
					COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-
	DISTRIBUTION PLANT	Out	In	Alloc					W. E. K.
	367-UNDERGRD CONDUCTORS & 1	NEUTCEC							
	PRIMARY FUNCTION	DEAICES							
	PRIMARY CUSTOMER SERVICE								
1	CAPACITY COMPONENT	P\$67DB	Q367PD	ND347	93,719	•	0		
2			Q367PC		,5,,17	0	0	0	
3		P367PS		030	93,719	v e	0	υ 0	
	REMAINING PRIMARY PLANT				,,	•	•	·	
4	PRIMARY CAPACITY	P367PR	Q367PR	D10	18,439,930	6,400,155	529,638	1,015,598	4 02
5	SECONDARY CAPACITY		Q367P0		0	0,400,140	0.,,036	1,413,370	4,92
6	TOTAL REMAINING PRIMARY				18,439,930	6,400,155	529,638	1,015,598	4,921
7	TOTAL PRIMARY FUNCTION	P367P			18,533,649	6,400,155	529,638	1,015,598	4,921
	SECONDARY FUNCTION				,,-	-,,,,,,,,	567,650	1,013,370	7,741
8	CAPACITY COMPONENT	P367SD	Q367SD	D32	5,567,309	2,096,610	173,503	332,697	1,61;
9	CUSTOMER COMPONENT	P367SC	Q367SC	C32	0	0	0	0	1,011
10	TOTAL SECONDARY FUNCTION	P367S			5,567,309	2,096,610	173,503	332,697	1,61
11	TOTAL ACCOUNT 367	P367			24,100,958	8,496,766	703,141	1,348,295	6,53]
	368-LINE TRANSFORMERS				·	• •	,	0,0.0,0,0	4,55.
	PRIMARY FUNCTION								
	PRIMARY CUSTOMER SERVICE								
12	CAPACITY COMPONENT	P368PD	Q368PD	DP368	1,092,024	0	0	0	
13	CUSTONER COMPONENT	P368PC	Q368PC	C30	ð	0	C	0	ì
14	TOTAL PRIMARY SERVICE	P368PS			1,092,024	0	0	0	ì
	REMAINING PRIMARY PLANT								•
15	PRIMARY CAPACITY	P368PR			249,168	86,482	7,157	13,723	66
16	SECONDARY CAPACITY	P368P0	9368P 0	D33	0	0	0	0	(
17	TOTAL REMAINING PRIMARY	P3680P			249,168	86,482	7,157	13,723	64
16	TOTAL PRIMARY FUNCTION	P368P			1,341,192	86,482	7,157	13,723	66
	SECONDARY FUNCTION								
19	CAPACITY COMPONENT	P368SD			33,953,794	12,786,766	1,058,156	2,029,046	9,825
20	CUSTOMER COMPONENT	P368SC	9368SC	C32	0	. 0	0	0	t
21	TOTAL SECONDARY FUNCTION	P368S			33,953 <i>,</i> 794	12,786,766	1,058,156	2,029,046	9,829
ŻZ	TOTAL ACCOUNT 368	P368			35,2 94 ,986	12,873,247	1,065,313	2,042,769	9,895
23	369-SERVICES		Q369	CP369	15,947,977	12,288,885	1,289,220	311,464	2,859
24	370-METERS		Q370	CP370	11,995,567	4,044,981	504,234	303,764	13,987
25	371-INSTALL ON CUST PREMISE		Q371	C371	0	. 0	Û	0	•
26	372-LEASE PROP CUST PREMISE		9372	C372	0	0	. 0	0	0
27	373-STREET LIGHTING		Q373	C373	9,293,665	0	0	0	
28	TOTAL DISTRIBUTION PLANT	PDIST			207,213,060	76,720,141	6,790,659	10,197,522	63,259

Run# 5404 PAGE 5- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGNT. (REV - 01)

RATE BASE = 6/30/96

ANG ON REV REQ ALLOC

LEVELIZED ROR @ 10.16%

				IMPL		PLANI IN SERV				
									N Y	
					SM.GEN.SVC	MD CEN CUC	GENERAL SI			
					RATE G-1	MD.GEN.SVC	LG.GEN.SVC		PRI GEN SVC	TOU
		Out	In	Alloc	KAIE G-T	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
	DISTRIBUTION PLANT	OQ C	Tti	AIIOC						
	367-UNDERGRD CONDUCTORS & I	DEVICES								
	PRIMARY FUNCTION									
	PRIMARY CUSTOMER SERVICE									
1	CAPACITY COMPONENT	P367PD	Q367PD	DP367	0	6,323	2 9,8 92	659	32,412	ń
2	CUSTOMER COMPONENT	P367PC	Q367PC	C30	0	0	0	0	0	ň
3	TOTAL PRIMARY SERVICE	P367PS			0	6,323	29,892	659	32,412	ů
	REMAINING PRIMARY PLANT					-,	,-,-	03,	22,422	•
4	PRIMARY CAPACITY	P367PR	Q367PR	010	793,207	5,555,713	1,668,418	212,279	1,081,674	305,862
5	SECONDARY CAPACITY	P367P0	Q367P0	D32	0	0	0	0	0	0
6	TOTAL REMAINING PRIMARY	P3670P			793,207	5,555,713	1,668,418	212,279	1,081,674	305,862
7		P367P			793,207	5,562,036	1,698,310	212,938	1,114,086	305,862
	SECONDARY FUNCTION	,			* /2/24/	2,202,400	1,0/0,310	212,730	1,114,000	303,002
8	CAPACITY COMPONENT	P367ST	Q367SD	N32	259,845	1,819,982	546,553	0		100 10/
9	CUSTOMER COMPONENT		Q367SC		0	1,017,702	0	0	0	100,196
10	TOTAL SECONDARY FUNCTION		450,50	- UJL	259,845	1,819,982	546,553		0	0
11		P367			1,053,052		•	0	0	100,196
	368-LINE TRANSFORMERS	-507			1,033,032	7,382,018	2,244,863	212,938	1,114,086	406,058
	PRIMARY FUNCTION									
	PRIMARY CUSTOMER SERVICE									
12	CAPACITY COMPONENT	DZ48DD	Q 368PD	BD7/0			C70 044			
13	CUSTOMER COMPONENT		Q368PC		0	89,028	570,866	12,670	372,452	0
14	TOTAL PRIMARY SERVICE		4 300PC	C30	0		0	0	0	0
14		P368PS			0	89,028	570, 86 6	12,670	372,452	0
15	REMAINING PRIMARY PLANT	D7/4DD	***							
16	PRIMARY CAPACITY		Q368PR		10,718	75,071	22,544	2,868	14,616	4,133
	SECONDARY CAPACITY		Q368P0	D33	D	0	0	0	0	0
17	TOTAL REMAINING PRIMARY	P3680P			10,718	75,071	22,544	2,868	14,616	4,133
18	TOTAL PRIMARY FUNCTION	P368P			10,718	164,099	593,411	15,538	387,068	4,133
	SECONDARY FUNCTION									
19	CAPACITY COMPONENT		Q368SD		1,584,736	11,099,668	3,333,305	0	0	611,076
20	CUSTOMER COMPONENT		Q368SC	C32	0	0	0	0	0	0
21	TOTAL SECONDARY FUNCTION	P368\$			1,584,736	11,0 99 ,668	3,333,305	0	0	611,076
22	TOTAL ACCDUNT 368	P368			1,595,454	11,263,767	3,926,716	15,538	387,068	615,209
23	369-SERVICES	P369	Q369	CP369	1,189,146	633,024	6,108	109,164	116,006	2,105
24	370-METERS	P370	Q370	CP370	1,436,818	2,191,616	35,759	165,575	160,705	29,197
25	371-INSTALL ON CUST PREMISE	P371	Q371	C371	0	0	0	0	0	0
26	372-LEASE PROP CUST PREMISE	P372	Q372	C372	0	0	0	Õ	o o	ů
27	373-STREET LIGHTING	P373	Q373	€373	0	0	D	ō	Û	ů
28	TOTAL DISTRIBUTION PLANT	PDIST			10,109,976	55,395,099	16,394,495	1,503,564	6,976,592	2,917,146

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EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 H.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REGNT. (REV - 01)

RATE BASE = 6/30/96

AAG ON REV REQ ALLOC
LEVELIZED ROR @ 10.16%

TABLE 1 - ELECTRIC PLANT IN SERVICE

				MDLC	I ELECIRIC PLANT IN SERV.				
					0 ·	TALC	DMPA	N Y	
					HEATING	SERVICE	OFF PEAK		
					COM SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
					RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-1
		Out	In	Alloc					
	DISTRIBUTION PLANT								
	367-UNDERGRD CONDUCTORS & I	DEUTCEC							
	PRIMARY FUNCTION	0041003							
	PRIMARY CUSTOMER SERVICE								
1	CAPACITY COMPONENT		Q367PD		0	0	24,433	0	· ·
2	CUSTOMER COMPONENT		Q367PC	C30	0	0	0	0	Q
3	TOTAL PRIMARY SERVICE	P367PS			0	0	24,433	0	0
	REHAINING PRIMARY PLANT								
4	PRIMARY CAPACITY		9367PR		258,2 96	33,242	151,0 9 6	235,899	193,933
5	SECONDARY CAPACITY	P367P0	Q367P0	D32	0	0	0	0	0
6	TOTAL REMAINING PRIMARY	P3670P			258,296	33,242	151,096	235,899	193,933
7	TOTAL PRIMARY FUNCTION	P367P			258,296	33,242	175,529	235,899	193,933
	SECONDARY FUNCTION								•
8	CAPACITY COMPONENT	P367\$D	9367SD	D32	84,614	10,890	Ð	77,278	63,530
9	CUSTOMER COMPONENT	P367SC	Q367SC	C32	0	0	0	· o	0
10	TOTAL SECONDARY FUNCTION	P367S			84,614	10,890	0	77,278	63,530
11	TOTAL ACCOUNT 367	P367			342,910	44,131	175,529	313,177	257,462
	368-LINE TRANSFORMERS					,			237,402
	PRIMARY FUNCTION								
	PRIMARY CUSTOMER SERVICE								
12	CAPACITY COMPONENT	P368PD	Q368PD	DP368	0	0	47,008	0	ń
13	CUSTOMER COMPONENT	P368PC	Q368PC	C30	- 0	ū	0	0	0
14	TOTAL PRIMARY SERVICE	P368PS			•	o	47,008	0	0
	REMAINING PRIMARY PLANT				ū	•	41,000	•	v
15	PRIMARY CAPACITY	DRARDD	Q368PR	D16	3,490	449	2 043	7 100	
16	SECONDARY CAPACITY		Q368P0				2,042	3,188	2,620
17	TOTAL REMAINING PRIMARY	P3680P	4 300FU	בכע	0	0	0	0	0
18	TOTAL PRIMARY FUNCTION	P368P			3,490	449	2,042	3,188	2,620
10	SECONDARY FUNCTION	H200H			3,490	449	49,050	3,188	2,620
19	CAPACITY COMPONENT	DICOOR	AT/80B						
20	CUSTOMER COMPONENT		Q368SD		516,045	66,413	0	471,299	387,455
21			Q368SC	C32	0	0	0	0	0
22	TOTAL SECONDARY FUNCTION				516,045	66,413	0	471,2 9 9	387,455
22	TOTAL ACCOUNT 368	P368			519,535	66,862	49,050	474,487	390,075
23	369-SERVICES	P369	Q369	CP369	a	0	0	D	0
24	370-METERS	P370	Q370	CP370	28,370	41,973	4.870	3,033,718	0
25	371-INSTALL ON CUST PREMISE	P371	Q371	C371	D	0	0	0	n
26	372-LEASE PROP CUST PREMISE	P372	Q372	C372	0	0	. 0	'n	n
27	373-STREET LIGHTING	P373	Q373	C373	0	Ů	. 0		9,293,665
28	TOTAL DISTRIBUTION PLANT	PDIST			2,465,424	355,612	940,671	5,259,457	11,123,443
					E)7429444	222,012	740,011	3,637,437	TT1443,443

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Run# 5404 PAGE 6- 1

EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
H.D.P.U. DOCKET 96 - 24

E555D & TRAMS MULTI-UNIT POD E555E ON KMH COST DIST PLT OM NCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)
RATE BASE = 6/30/96
ASG ON REV REG ALLOC
LEVELIZED ROR @ 10.16%

					T	0 7 A L	COMPAI	4 Y	
							RESIDENTIA	. SERVICE	
					TOTAL		SSI	SPACE HT	TOU
					COMPANY	RATE R-	1 RATE R-Z	RATE R-3	RATE R-4
		Out	In	Alloc					
	GENERAL PLANT								
1	389-LAND & LAND RIGHTS	P389	Q389	LABOR	995,701	403,21	18 39,142	43,284	372
2	390-STRUCTURES & IMPROVEMENT	P390	Q390	LABOR	8,914,276	3,609,91	9 350,425	387,515	3,331
3	391-OFFICE FURNITURE & EQUIP		Q391	LABOR	851,467	344,80	9 33,472	37,014	318
4	392-TRANSPORTATION EQUIPMENT		9392	LABOR	11,068	4,48	32 435	481	4
	393-STORES EQUIPMENT	P393	Q393	TD1	139,283	51,56	9 4,564	6,854	43
6	394-TOOLS,SHOP & GARAGE EQP	P394	Q394	LABOR	740,327	299,80	29,103	32,183	277
7	395-LABORATORY EQUIPMENT	P395	Q395	P370	467,528	157,6!	3 19,653	11,839	<u>5</u> 45
á	396-POWER OPERATED EQUIPMENT		Q396	TD1	11,271	4,17	73 369	555	3
	397-COMMUNICATIONS EQUIPMENT		9397	LABOR	668,244	270,61	12 26,769	29,049	250
10		P398	Q398	LABOR	393,082	159,18	32 15,452	17,088	147
11	399-OTHER TANGIBLE PROPERTY	P399	9399	LABOR	0		0 0	. 0	0
12	*	PGEN			13,192,247	5,305,42	21 518,883	565,863	5,290
13	TOTAL ELECTRIC PLT IN SERVICE	PEPIS			220,405,307	82,025,56	7,309,542	10,763,385	68,549

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EASTERN EDISON COMPANY
AMMUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRAMS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)
RATE BASE = 6/30/96
AMG ON REV REG ALLOC
LEVELIZED ROR 9 10.16%

						T O	TALC	DMPAN	γ	
							GENERAL SI	ERVICE		
					SN.GEN.SVC	MD.GEN.SVC	LG.GEN.SVC	PRI GEN SVC	PRI GEN SVC	TOU
					RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
		Out	In	Alloc						
	GENERAL PLANT									
1	389-LAND & LAND RIGHTS	P389	Q389	LABOR	79,859	220,676	56,232	6,955	27,924	10,391
2	390-STRUCTURES & IMPROVEMENT	P390	Q390	LABOR	714,959	1,975,660	503,431	62,263	249,997	93,032
3	391-OFFICE FURNITURE & EQUIP		Q391	LABOR	68,291	188,710	48,086	5, 94 7	23,879	8,886
۵	392-TRANSPORTATION EQUIPMENT		0392	LABOR	888	2,453	625	77	310	116
5	393-STORES EQUIPMENT	P393	9393	TD1	6,796	37,235	11,020	1,011	4,689	1,961
6	394-TOOLS, SHOP & GARAGE EQP	P394	Q394	LABOR	59,377	164,078	41,810	5,171	20,762	7,726
7	395-LABORATORY EQUIPMENT	P395	Q395	P370	56,000	85,418	1,394	6,453	6,263	1,138
	396-POWER OPERATED EQUIPMENT		Q396	TD1	550	3,013	892	82	379	159
9	397-COMMUNICATIONS EQUIPMENT		Q397	LABOR	53,596	148,102	37,739	4,667	18,741	6,974
10	398-MISCELLANEOUS EQUIPMENT	P398	Q398	LABOR	31,527	87,118	22,1 99	2,746	11,024	4,102
11	399-OTHER TANGIBLE PROPERTY	P399	Q399	LABOR	0	0	0	0	0	0
12	TOTAL GENERAL PLANT	PGEN			1,071,842	2,912,463	723,428	9 5,371	363,970	134,485
13	TOTAL ELECTRIC PLT IN SERVICE	PEPIS			11,181,817	58,307,563	17,117,922	1,598,935	7,340,561	3,051,631

PAGE 6-3 Run# 5404

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

ESSED & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST

DIST. REV. REQHT. (REV - 01) RATE BASE = 6/30/96 AAG ON REV REQ ALLOC LEVELIZED ROR a 10.16%

TABLE	1 .	. ELE	CTOTC	DI ANT	TN	SERVICE

367	& 370 BIR COS1			TABLE 1 -	ELECTRIC PLANT IN SERVI	CE			
					T 0 T	A L C	•	(Y	
					HEATING	SERVICE	DFF PEAK		
					COM SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
					RATE H-1	RATE H-2	RATE A-6	RATE W-I	RATE S-1
		0ut	In	Alloc					
	GENERAL PLANT								
1	389-LAND & LAND RIGHTS	P389	Q389	LABOR	8,799	1,599	3,618	46,551	47,081
,		P390	Q390	LABOR	78,772	14,318	32 ,38 9	416,760	421,506
3			Q391	LABOR	7,524	1,368	3,094	39,808	40,261
4	392-TRANSPORTATION EQUIPMENT		Q392	LABOR	98	18	40	517	523
5	393-STORES EQUIPMENT	P393	9393	TD1	1,657	239	632	3,535	7,477
6	394-TOOLS,SHOP & GARAGE EQP	P394	9394	LABOR	6,542	1,189	2,690	34,612	35,006
7	395-LABORATORY EQUIPMENT	P395	Q395	P370	1,106	1,636	190	118,239	0
Á	396-POWER OPERATED EQUIPMENT	P396	Q396	TD1	134	19	51	28 6	605
٥			Q397	LABOR	5,905	1,073	2,428	31,242	31,598
10	398-MISCELLANEOUS EQUIPMENT	P398	Q398	LABOR	3,474	631	1,428	18,377	18,587
11	399-OTHER TANGIBLE PROPERTY	P399	9399	LABOR	0	0	0	0	0
12	TOTAL GENERAL PLANT	PGEN	***		114,010	22,090	46,560	709,927	602,644
13	TOTAL ELECTRIC PLT IN SERVICE	PEPIS			2,579,434	377,702	987,232	5,969,384	11,726,087

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EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
THELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REOMT. (REV - 01)

RATE BASE = 6/30/96

AAG ON REV REQ ALLOC
LEVELIZED ROR @ 10.16%

TABLE 2 - ACCUMULATED PROVISION FOR DEPRECIATION

			I ABI	.E 2 - A	COMOLATED PROVISION	TOTAL C		γ	
							-RESIDENTIAL	SERVICE	
					TOTAL		SSI	SPACE HT	TOU
					COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
		Out	In	Alloc	ODIN AIII				
	ACCUMULATED PROVISION FOR DEPI			HILVE					
		KECTALL	UN						
	INTANGIBLE PLANT	A303	B303	P303	0	0	e	0	0
1	303-INTANGIBLE PLANT	MOUD	2303	F303	•				
_	TRANSMISSION PLANT	A350	B350	P350	0	0	0	0	0
Z	350-LAND RIGHTS-EASEMENTS 352-STRUCTURES & IMPROVEMENT		B352	P352	ň	0	0	0	Đ
3		A352	B353	P352	ń	C	o	0	0
4	353-STATION EQUIPMENT	A354	B354	P354	n	0	0	0	G
5	354-TOWERS & FIXTURES	A355	8355	P355	'n	0	0	0	G
6	355-POLES & FIXTURES	A356	B356	P356	, ,	0	á	0	0
. 7	356-OVERHEAD COND & DEVICES	A359	B359	P359	,	0	1	0	0
8	359-ROADS & TRAILS		5337	P337		å	0	0	0
9	TOTAL TRANSMISSION RESERVE	ATRAN			•	•	•		
	DISTRIBUTION PLANT			D7/0	. о		0		- 0
10		A36D	B360	P360	-	157,146	13,004	24,936	121
11	361-STRUCTURES & IMPROVEMENT		B361	P361	452,765	2,709,372	224,211	429,932	2,083
12		A362	B362	P362	7,806,159	5,030,098	416,261	798,193	3,867
13	•	A364	B364	P364	14,252,790	5,628,761	465,802	893,190	4,327
14	365-OVERHEAD COND & DEVICES	A365	B365	P365	15,790,557	781,513	64,673	124,013	601
15	366-UNDERGROUND CONDUIT	A366	B366	P366	2,214,549	2,081,321	172,238	330,271	1,600
16			B367	P367	5,903,637	5,054,908	418,314	802,129	3,886
17	368-LINE TRANSFORMERS	A368	B368	P368	13,859,199		357,494	86,367	792
18		A369	B369	P369	4,422,291	3,407,644	157,509	94,887	4,369
19	370-METERS	A370	B370	P370	3,747,081	1,263,539	0	74,007	4,50, B
20	371-INSTALL ON CUST PREMISES		B371	P371	0	v	0	0	,
Źl			B372	P372		v	0		
22			B373	P373	4,383,996	26 116 702	2,289,506	3,583,920	21.644
23		ADIST			72,833,024	26,114,302	2,207,500	3,303,720	C1,044
	GENERAL PLANT				_	•		0	•
24		A389	B389	P389	0	0	0		1 244
25			B3 9 0	P390	3,387,802	1,371,922	133,176	147,272	1,266 139
26			B391	P391	371,138	150,296	14,590	16,134	137
27			B392	P392	9,961	4,034	392	433	23
28		A393	B393	P393	74,059	27,420	2,427	3,645	23 118
29	394-TOOL, SHOP & GARAGE EQUIP		B394	P394	315,137	127,618	12,388	13,699	
30	395-LABORATORY EQUIPMENT	A395	8395	P395	181,500	61,203	7,629	4,596	212 3
31			B396	P396	10,144	3,756	332	499	_
32	397-COMMUNICATION EQUIPMENT	A397	B3 9 7	P397	432,242	175,040	16,992	18,790	162
33		A398	B398	P398	291,640	118,102	11,465	12,678	109
34	399-OTHER TANGIBLE PROPERTY	A399	B399	P39 9	0	0	0	0	0
35		AGEN			5,073,623	2,039,391	199,391	217,746	2,034
36	TOTAL ACCUM PROV FOR DEPREC	ACDPR			77,906,647	28,153,693	2,488,897	3,801,666	23,677

Run# 5484 PAGE 7- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

AMB OM REV REG ALLOC

LEVELIZED ROR 3 10.16%

TABLE 2 - ACCUMULATED PROVISION FOR DEPRECIATION

			ועמו	LE L AC		Т О 1	TAL C	0 M P A N	Y	
							GENERAL SI	ERVICE		
					SM.GEN.SVC	MD.GEN.SVC	LG.GEN.SVC	PRI GEN SVC	PRI GEN SVC	tou
					RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
		Out	In	Alloc						
	ACCUMULATED PROVISION FOR DEP	RECIATI	ON							
	INTANGIBLE PLANT									
1		A303	B303	P303	0	0	0	0	0	D
	TRANSMISSION PLANT									
2	350-LAND RIGHTS-EASEMENTS	A350	B350	P350	0	0	0	0	0	0
3	352-STRUCTURES & IMPROVEMENT	A352	B352	P352	0	0	0	0	0	0
4	353-STATION EQUIPMENT	A353	B353	P353	0	9	0	0	0.	0
5	354-TOWERS & FIXTURES	A354	B354	P354	. 0	Q.	0	G	0	0
6	355-POLES & FIXTURES	A355	B355	P355	0	D	0	0	0	0
7	356-OVERHEAD COND & DEVICES	A356	B356	P356	0	Θ	0	0	0	0
8	359-ROADS & TRAILS	A359	B359	P359	0	0	0	0	0	a
9	TOTAL TRANSMISSION RESERVE	ATRAN			0	0	0	0	0	0
-	DISTRIBUTION PLANT									
10	360-LAND RIGHTS	A360	B360	P360	0	0	0	0	0	0
11	361-STRUCTURES & IMPROVEMENT	A361	B361	P361	19,476	136,412	40,966	5,212	26,559	7,510
12	362-STATION EQUIPMENT	A362	B362	P362	335,788	2,351,895	706,290	89,864	457,904	129,480
13	364-POLES, TOWERS & FIXTURES	A364	B364	P364	623,408	4,373,331	1,312,408	128,339	667,748	240,387
14	365-DVERHEAD COND & DEVICES	A365	B365	P365	697,604	4,900,533	1,470,250	118,992	623,806	268,997
15	366-UNDERGROUND COMBUIT	A366	B366	P366	96,857	679,063	203,728	19,602	105,114	37,348
16	367-UNDERGROND COND & DEVICE	A367	B367	P367	257, 95 0	1,808,258	549,889	52,160	272,900	99,466
17	368-LINE TRANSFORMERS	A368	B368	P368	626,483	4,422,917	1,541,894	6,101	151,989	241,573
18	369-SERVICES	A369	8369	P369	329,744	175,534	1,694	30,271	32,168	584
19	370-METERS	A370	B370	P370	448,822	684,600	11,170	51,721	50,200	9,120
20	371-INSTALL ON CUST PREMISES	A371	B371	P371	0	0	0	0	0	0
21	372-LEASED PROP ON CUST PREM		B372	P372	0	0	0	0	0	0
22	373-ST LIGHT & SIGNAL SYSTEMS		B373	P373	0	0	0	0	0	0
23	TOTAL DISTRIBUTION RESERVE	ADIST			3,436,133	19,532,542	5,838,289	502,263	2,388,387	1,034,465
	GENERAL PLANT				•					
24	389-LAND RIGHTS	A389	B389	P389	0	0	0	0	0	D
25	390-STRUCTURE & IMPROVEMENTS	A390	B390	P390	271,715	750,834	191,325	23,662	95,009	35,356
Z6	391-OFFICE FURNITURE & EQUIP		B391	P391	29,767	82,255	20, 96 0	2,592	10,408	3,873
27	392-TRANSPORTATION EQUIPMENT		B392	P392	799	2,208	563	70	279	104
28	393-STORES EQUIPMENT	A393	B393	P393	3,613	19,798	5 ,85 9	537	2,493	1,043
29	394-TOOL, SHOP & GARAGE EQUIP	A394	B394	P394	25,275	69,843	17,797	2,201	8,838	3,289
30	395-LABORATORY EQUIPMENT	A395	B395	P395	21,740	33,160	541	2,505	2,432	442
31	396-POWER OPERATED EQUIPMENT	A396	B396	P396	495	2,712	803	74	342	143
32	397-COMMUNICATION EQUIPMENT	A397	B397	P397	34,667	95,797	24,411	3,019	12,122	4,511
33	398-MISCELLANEOUS EQUIPMENT	A398	B398	P398	23,391	64,636	16,470	2,037	8,179	3,044
34	399-OTHER TANGIBLE PROPERTY	A399	8399	P399	0	0	0	0	0	0
35	TOTAL GENERAL RESERVE	AGEN			411,462	1,121,244	278,729	36,698	140,103	51,804
	TOTAL ACCUM PROV FOR DEPREC	ACDPR			3,847,594	20,653,786	6,117,018	538,961	2,528,490	1,086,269

Run# 5404 PAGE 7- 3

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

ESSED & TRANS MULTI-UNIT POD ESSEE ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

ABG ON REV REG ALLOC
LEVELIZED ROR & 10.16%

TABLE 2 - ACCUMULATED PROVISION FOR DEPRECIATION

			IADLI	2 - ACCOMOLATED PRO	T 0 T	A L C	0 M P A N	γ	
					HEATING				
					CON SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
					RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-1
		Out	In	Alloc	NAIL II 2				
	ACCUMULATED PROVISION FOR DEPR			R1100					
		KECIAII	UM.						
	INTANGIBLE PLANT	A303	B303	P303	G.	0	0	0	0
1	303-INTANGIBLE PLANT	#303	6303	F303	•	-	_		
	TRANSMISSION PLANT	A350	B350	P350	0	0	0	0	0
2	350-LAND RIGHTS-EASEMENTS			P352	o o	0	0	0	. 0
3	352-STRUCTURES & IMPROVEMENT		B352 B353	P353	Ö	ō	0	C	0
4	353-STATION EQUIPMENT	A353			0	ů	ū	Ď	a a
5	354-TOWERS & FIXTURES	A354	B354	P354	0	ů	ū	ñ	a
6	355-POLES & FIXTURES	A355	B355	P355	*	ů	Ď	ň	ň
7	356-OVERHEAD COND & DEVICES	A356	B356	P356	0	ŏ	0	0	0
8	359-ROADS & TRAILS	A359	B359	P35 9	0	0	0	0	
9	TOTAL TRANSMISSION RESERVE	ATRAN			٧	•	•	•	•
	DISTRIBUTION PLANT			27/2	û	a	a	0	0
10	360-LAND RIGHTS	A360	B360	P360	-	816	3,710	5,792	4,762
11	361-STRUCTURES & IMPROVEMENT		B361	P361	6,342	14,072	63,963	99,863	82,097
12	362-STATION EQUIPMENT	A362	B362	P362	109,344	•	•	185,401	152,418
13	364-POLES, TOWERS & FIXTURES	A364	B364	P364	203,003	26,126	91,801	207,467	170,558
14	365-OVERHEAD COND & DEVICES	A365	B365	P365	227,164	29,235	83,869	-	23,681
15	366-UNDERGROUND CONDUIT	A366	B366	P366	31,540	4,059	13,952	28,805	-
16	367-UNDERGROND COND & DEVICE		B367	P367	83,997	10,810	42,997	76,714	63,067
17	368-LINE TRANSFORMERS	A368	B368	P368	204,005	26,255	19,260	186,316	153,170
18	369-SERVICES	A369	B369	P369	0	0	0	0	0
19	370-METERS	A370	B370	P370	8,862	13,111	1,521	947,649	Ū
20	371-INSTALL ON CUST PREMISES	A371	B371	P371	0	0	0	0	0
21	372-LEASED PROP ON CUST PREM	A372	8372	P372	0	0	0	0	
22	373-ST LGHT & SIGNAL SYSTEMS	A373	B373	P373	đ	0	0	D	4,383,996
23	TOTAL DISTRIBUTION RESERVE	ADIST			874,258	124,484	321,074	1,738,007	5,033,749
	GENERAL PLANT								_
24	389-LAND RIGHTS	A389	B389	P389	0	0	0	0	0
25	390-STRUCTURE & IMPROVEMENTS	A390	B390	P390	29, 9 37	5,441	12,309	158,386	160,190
26	391-OFFICE FURNITURE & EQUIP	A391	B391	P391	3,280	5 96	1,348	17,351	17,549
27	392-TRANSPORTATION EQUIPMENT	A392	B392	P392	88	16	36	466	471
28	393-STORES EQUIPMENT	A393	8393	P393	881	127	336	1,880	3,976
29	394-TOOL, SHOP & GARAGE EQUIP	A394	B394	P394	2,785	506	1,145	14,733	14,901
30	395-LABORATORY EQUIPMENT	A395	B395	P395	429	635	74	45, 9 02	O.
31	396-POMER OPERATED EQUIPMENT	A396	B396	P3 96	121	17	46	257	545
32	397-COMMUNICATION EQUIPMENT	A397	B397	P397	3,820	694	1,571	20,208	20,438
33	398-MISCELLAMEDUS EQUIPMENT	A398	B398	P398	2,577	468	1,060	13,635	13,790
34	399-OTHER TANGIBLE PROPERTY	A399	B 399	P399	0	0	. 0	0	0
35	TOTAL GENERAL RESERVE	AGEN			43,917	8,502	17,925	272,819	231 ,86 0
36	TOTAL ACCUM PROV FOR DEPREC	ACDPR			918,175	132,986	338,999	2,010,826	5,265,608

ATTACHMENT 1 -

Run# 5404 PAGE 8- 1

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC

LEVELIZED ROR @ 10.16%

TABLE 3 - ADDITIONS AND DEDUCTIONS TO RATE BASE

						T D T A L C	0 H P A M	1 Y	
							RESIDENTIAL	SERVICE	
					TOTAL		551	SPACE HT	TQU
					COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
		Out	In	Alloc					
1	NET ELECTRIC PLANT IN SERVICE	NTPLT			142,498,660	53,871,868	4,820,646	6,961,719	44,871
	ADDITIONS TO NET PLANT								
	MATERIALS & SUPPLIES								
7	Z PLANT MATERIALS & SUPPLIES	PLT1	QLT1	PEPIS1	1,574,262	585,874	52,209	76,878	490
3		PLTZ	QLT2	CRES	0	0	0	0	0
-		PLT3	OLT3	LABOR	210,792	85,362	8,286	9,163	79
	5 TOTAL MATERIALS & SUPPLIES	PLT123			1,785,054	671,236	60,495	86,042	568
	PREPAYMENTS								
•	6 SPARE	PLT5	QLT5	PEPISI	0	0	0	0	0
7		PLT6	QL T6	PEPIS1	0	0	0	0	0
ě	B SPARE	PL T7	QLT7	E920	0	0	D	0	9
•	9 SPARE _	PLT8	QLT8	PEPISI	0 .		0	. 0	0
10		PLT9	QLT9	PEPIS1	0	0	0	0	0
11	I TOTAL PREPAYMENTS	PLT10			0	0	0	0	0
12	2 ADJUSTED WORKING CASH	WCASHA			5,093,605	2,108,663	229,886	225,166	1,561
13	5 TOTAL ADDITIONS	RBADD			6,878,659	2,779,899	290,381	311,207	2,130
	DEDUCTIONS TO NET PLANT								
14	CUSTOMER DEPOSITS	CD			1,093,750	298	0	0	0
1!	5 CUSTOMER ADVANCES	ÇA	CCA	PEPIS1	3,420	1,273	113	167	1
16	6 ACCUM DEFERRED INCOME TAX	PLT11	QLT11	PEPIS1	17,391,461	6,472,368	576,772	849,303	5,409
17	7 SPARE	PLT12	QLT12	PEPIS1	D	0	0	0	0
18	8 TOTAL DEDUCTIONS	RBDED			18,488,631	6,473,939	576,885	849,470	5,410
	ACCUM DEF INVEST TAX CR ADJUS	THENTS							
	ADD:						_		_
19	9 SPARE	APLT3	AQLT3	PEPIS1	0	0	0	0	0
	DEDUCT:				_	_	_	_	_
	SPARE			PEPIS1	0	0	0	0	0
21	I SPARE	APLT2	AQLT2	PEPIS1	0	0	0	0	0
27	2 NET ADDITION DED	NAPLT			0	. 0	0	0	0
23	3 RATE BASE	RB			130,888,688	50,177,828	4,534,141	6,423,456	41,591

Run# 5404 PAGE 8- 2

EASTERN EDISON COMPAMY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUME 30, 1996 M.D.P.U. DOCKET 96 ~ 24

E555D & TRANS MULTI-UNIT POB E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

ARG OM REV REG ALLOC

LEVELIZED ROR a 10.16%

TABLE 3 - ADDITIONS AND DEDUCTIONS TO RATE BASE

			TAB	LE 3 - AD	DITIONS AND DE	.DUCITONS 10 F		0 H P A N	Y	
				_			GENERAL SE			
					SM.GEN.SVC	MD.GEN.SVC	LG.GEN.SVC	PRI GEN SVC	PRI GEN SVC	TOU
					RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
		Out	In	Alloc						
1	MET ELECTRIC PLANT IN SERVICE	NTPLT			7,334,223	37,653,776	11,000,904	1,059,974	4,812,971	1,965,362
	ADDITIONS TO NET PLANT									
	MATERIALS & SUPPLIES			OCOTO1	79,867	416,466	122,266	11,421	52,431	21,797
	PLANT MATERIALS & SUPPLIES	PLT1	QLT1	PEPIS1	77,067	410,400	122,200	11,701	52,731	0
_	MERCHANDISE	PLT2	QLT2	CRES	16,906	46,718	11,904	1,472	5,912	2,200
4	STORES EXPENSE	PLT3	QLT3	LABOR	96,773	463,184	134,171	12,893	58,342	23,996
5	TOTAL MATERIALS & SUPPLIES	PLT123			70,773	403,104	*54,111	11,075	20,512	•••
	PREPAYMENTS				_		•	o	a	0
6	SPARE	PLT5	QL 15	PEPIS1	0	0	0	0		•
7		PLT6	QLT6	PEPIS1	0	0	0	0	0	ő
B	SPARE	PLT7	QL17	E920	0	0	0	t t	0	ő
9	SPARE	PLT8	QLT8	PEPIS1	0	0	0	0	0	ō
10	MISCELLANEOUS	PLT9	QLT9	PEP131	0	0		0	0	ŏ
11	TOTAL PREPAYMENTS	PLT10			0	U	•	v	v	·
12	ADJUSTED WORKING CASH	WCASHA	,		375,034	1,086,374	298,185	36,763	140,428	58,293
13	TOTAL ADDITIONS	RBADD			471,807	1,549,558	432,355	49,656	198,770	82, 29 0
	DEDUCTIONS TO NET PLANT									
16	CUSTOMER DEPOSITS	CD			312,137	693,567	0	32,794	51,377	0
	CUSTOMER ADVANCES	CA	CCA	PEPIS1	174	905	266	25	114	47
	ACCUM DEFERRED INCOME TAX		QLT11	PEPIS1	882,321	4,600,859	1,350,719	126,167	579,220	240,794
	SPARE	PLT12		PEPISI	0	0	0	0	0	0
18	TOTAL DEDUCTIONS	RBDED			1,194,631	5,295,330	1,350,985	158,985	630,710	240,842
	ACCUM DEF INVEST TAX CR ADJUS	THENTS								
	ADD:						_	_	_	_
19	SPARE	APLT3	AQLT3	PEPIS1	0	0	0	0	0	0
	DEDUCT:									_
20	SPARE		AQLT1		0	0	0	0	0	0
21	SPARE	APLT2	AQLT2	PEPIS1	0	0	B	0	0	0
22	NET ADDITION DED	NAPLT			0	0	0	0	0	0
23	RATE BASE	RB			6,611,399	33,908,004	10,082,274	950,645	4,380,131	1,806,810

Run# 5404 PAGE 8- 3

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC

LEVELIZED ROR > 10.16%

TABLE 3 - ADDITIONS AND DEDUCTIONS TO RATE BASE

		140		T O T	A L C	0 H P A H	1 Y	
				HEATING S		OFF PEAK		
				COM SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
				RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-1
	Out	In	Alloc					
1 NET ELECTRIC PLANT IN SERVICE	E NTPLT			1,661,259	244,716	648,232	3,958,558	6,460,478
ADDITIONS TO NET PLANT								
MATERIALS & SUPPLIES						2 451	40 477	83,754
2 PLANT MATERIALS & SUPPLIES	PLT1	QLT1	PEPIS1	18,424	2,698 0	7,051 0	42,637 0	03,734 D
3 MERCHANDISE	PLTZ	QLT2	CRES	0	_	766	9,855	9,967
4 STORES EXPENSE	PLT3	QLT3	LABOR	1,863	339	7,817	52,492	93,722
5 TOTAL MATERIALS & SUPPLIES	PLT123	i		20,286	3,036	7,017	32,472	73,122
PREPAYMENTS							0	0
6 SPARE	PLT5	QLT5	PEPIS1	0	0	0	0	ő
7 SPARE	PLT6	QLT6	PEPIS1	0	0	_	0	0
8 SPARE	PLT7	QLT7	E920	0	0	0	0	
9 SPARE	PLT8	QLT8	PEPIS1	0	0	o a	0	
10 MISCELLANEOUS	PLT 9	QLT 9	PEPIS1	0	0	0	. 0	0
11 TOTAL PREPAYMENTS	PLT10			0	0	Ų	U	·
12 ADJUSTED WORKING CASH	WCASHA	•		42,687	7,339	17,357	193,089	272 ,8 60
13 TOTAL ADDITIONS	RBADD			62,893	10,375	25,175	245,581	366,582
DEDUCTIONS TO NET PLANT								
14 CUSTOMER DEPOSITS	ÇD			0	0	0	0	3,577
15 CUSTOMER ADVANCES	CA	CCA	PEPIS1	40	6	15	93	182
16 ACCUM DEFERRED INCOME TAX	PLT11	QLT11	PEPIS1	203,535	29,803	77,899	471,025	925,267
17 SPARE	PLT12	QLT12	PEPIS1	0	0	0	G	0
18 TOTAL DEDUCTIONS	RBDED			203,575	29,809	77,915	471,117	929,027
ACCUM DEF INVEST TAX OR ADJ	ISTMENTS							
ADD:					_	_	_	•
19 SPARÉ	APLT3	AQLT3	PEPIS1	n	0	Ó	0	0
DEDUCT:				_	_			
20 SPARE		AQLT1	PEPIS1	0	0	0	0	Û D
21 SPARE	APLT2	AQLT2	PEPIS1	0	0	0	U	· ·
22 MET ADDITION DED	NAPLT			0	0	0	0	D
23 RATE BASE	RB			1,520,578	225,283	595,492	3,733,022	5,898,034

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Run# 5404 PAGE 9- 1

EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC

LEVELIZED ROR @ 10.16%

TABLE 4 - REVENUES

						-TOTAL C	OMPAN	γ	
							RESIDENTIAL	SERVICE	
					TOTAL		122	SPACE HT	TOU
					COMPANY	RATÉ R-1	RATE R-2	RATE R-3	RATE R-4
		0ut	In	Alloc					
	OPERATING REVENUES								
1	SALES OF ELECTRICITY	RSALE	RSALE		262,408,241	94,473,056	5,334,628	8,901,588	52,555
2	449-UNBILLED REVENUE	R449	SR449	ECOST	728,883	240,146	19,389	24,041	157
3	450-FORFEITED DISCOUNTS	RFD	SRFD	R450	329,677	0	0	0	0
4		RSALEN			263,466,801	94,713,202	5,354,017	8,925,629	52,712
5	PURCHASE POWER ADJUSTMENT	RPADJ	SPADJ	E555	0	0	0	0	0
6	CATY REVENUE ADJUSTMENT	RPADJ1	SPADJ1	PEPIS1	0	0	Ð	0	0
. 7	LOST BASE REVENUE ADJ	RPADJ2	SPADJ2	TD1	0	0	0	0	0
8	OUT OF TEST PERIOD REVENUES	RPADJ3	SPADJ3	ECOST	0	0	0	0	0
	451-OTHER OPERATING REVENUES								
9	JOBBING PROFIT	R4511	SR4511	CRES	106,604	92,404	9,740	4,429	30
10	TOTAL ACCOUNT 451	24 51			106,604	92,404	9,740	4,429	30
	454-OTHER RENTAL INCOME								
11	OTHER RENTAL INCOME	R4540	SR4540	PEPIS1	349,687	130,139	11,597	17,077	109
12	WATER HEATER TAXABLE	₽454₩	SR454W	C372	0	0	Û	0	0
13	TRANSFORMER RENTALS	R454T	SR454T	D30	224,634	0	0	0	0
14	TOTAL ACCOUNT 454	R454			574,321	130,13 9	11,597	17,077	109
	456-OTHER REVENUES								
15	MASSAVE	R456M	SR456H	CW916	0	0	0	0	0
16	FUEL NORMALIZATION	R456F	SR456F	ECOST	-1,901,414	-626,4 6 1	-50,581	-62,714	-408
17	OTHER ELECTRIC REVENUES	R456A	SR456A	ECOST	105,334	34,705	2,802	3,474	23
18	OCA TAX BENEFITS	R456B	SR456B	ECOST	0	0	Œ	0	0
19	PILGRIM REFUND	R456C	SR456C	ECOST	0	0	D	0	0
20	CCA NORMALIZED	R456D	SR456D	ECOST	-2,646,515	-871,950	-70,402	-87,2 9 0	-568
21	PCAC REFUND	R456E	SR456E	ECOST	0	0	0	0	0
22	PCAC SALES CREDIT	R456G	SR456G	EC0ST	Ó	0	0	0	9
23	ESTIMATED REFUNDS	R456H	SR456H	ECOST	0	o ·	0	0	0
24	TOTAL ACCOUNT 456	R456			-4,442,595	-1,463,707	-118,180	-146,530	-954
25	OTHER OPERATING REVENUES	R20			-3,761,670	-1,241,164	-96,843	-125,024	-815
26	TOTAL OPERATING REVENUES	ROO			259,705,131	93,472,038	5,257,175	8,800,605	51,896

Run# 5404 PAGE 9- 2

EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUBY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

ARG ON REV REG ALLOC

LEVELIZED ROR @ 10.16%

TABLE	4	-	REVENUES
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					TABLE 4 RE	T 0 1	TALC	0 H P A H	Y	
							GENERAL SI			
					SM.GEN.SVC	MD.GEN.SVC	LG.GEN.SVC	PRI GEN SVC	PRI GEN SVC	TOU
					RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
		Out	In	Alloc						
	OPERATING REVENUES	521	2							
1	SALES OF ELECTRICITY	RSALE	RSALE		12,812,236	78,810,937	26,262,623	2,606,403	15,078,233	5,526,744
2	449-UNBILLED REVENUE	R449	SR449	ECOST	30,111	223,130	86,566	7,694	49,195	18,421
3	450-FORFEITED DISCOUNTS	RFD	SRFD	R450	29,605	710, 181	60,544	6,009	34,760	12,741
4		RSALEN			12,871,952	79,215,777	26,409,733	2,620,105	15,162,188	5,557,907
5	PURCHASE POWER ADJUSTMENT	RPADJ	SPADJ	E555	. 0	0	0	0	0	0
- 6	CATY REVENUE ADJUSTMENT		SPADJI		0	Û	0	D	0	Q.
7	LOST BASE REVENUE ADJ	RPADJ2	SPADJZ	TD1	0	0	a	0	0	0
8	OUT OF TEST PERIOD REVENUES		SPADJ3		ø	0	Ď	0	0	0
		_								
	451-OTHER OPERATING REVENUES		en/ £11	CDEE	0	a	0	a	q	0
9	JOBBING PROFIT	R4511	\$R4511	CRES	0	9	á	· ·	0	Ď
10		R451			·	•	-	_	_	
	454-OTHER RENTAL INCOME	R4540	CO4E40	PEPIS1	17,741	92,509	27,159	2,537	11,646	4,842
11	OTHER RENTAL INCOME	R454W	SR454W		17,141	,2,50,	0	0	0	. 0
12	WATER HEATER TAXABLE	R454T	SR454T		ă	ō	0	32,999	168,147	0
13	TRANSFORMER RENTALS	R4541	3K4341	שטבע	17,741	92,509	27,159	35,536	179,793	4,842
14		K454			11,171	9 2,3 47	2.,,22,	,		
	456-OTHER REVENUES	R456M	SR456M	ALDMU	0	0	0	0	0	0
15		R456F	SR456F		-78,550	-582,072	-225,822	-20,070	-128,334	-48,055
16	FUEL NORMALIZATION OTHER ELECTRIC REVENUES	R456A	SR456A		4,351	32,245	12,510	1,112	7,109	2,662
17 18		R456B	SR456B		0	0	0	0	0	0
19	PILGRIM REFUND	R456C	SR456C		9	0	0	0	0	Ď
20		R456D	SR456D		-109,331	-810,167	-314,315	-27,935	-178,624	-66,887
21		R456E	SR456E		0	0	•	0	Ů	0
22		R456G		EC0ST	0	0	q	0	0	0
23	· ·	R456H		ECOST	0	0	Ð	0	0	0
24		R456		- -	-183,529	-1,359,993	-527,627	-46,893	-299,849	-112,280
25	OTHER OPERATING REVENUES	R20			-165,789	-1,267,485	-500,468	-11,357	-120,056	-107,438
26	TOTAL OPERATING REVENUES	ROO			12,706,163	77,948,292	25,909,264	2,608,748	15,042,132	5,450,468

Run# 5404 PAGE 9- 3

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

ESSSD & TRAMS MULTI-UNIT POD ESSSE ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

ANG ON REV REQ ALLOC

LEVELIZED ROR @ 10.16%

TABLE 4 - REVENUES

					T 0	TALC	0 M P A I	N Y	
					HEATIM	G SERVICE	OFF PEAK		
					COM SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
					RATE H-1	RATE H-2	RATE A-6	RATE H-1	RATE S-1
		Out	In	Alloc					
	OPERATING REVENUES								
1	SALES OF ELECTRICITY	RSALE	RSALE		1,868,821	298,318	5 9 2,636	5,246,610	4,542,853
2	449-UNBILLED REVENUE	R449	SR449	ECOST	5,177	837	1,603	15,562	6,854
3	450-FORFEITED DISCOUNTS	RFD	SRFD	R450	4,309	0	0	0	0
4		RSALEN			1,878,307	2 99 ,155	594,239	5,262,172	4,549,707
									0
5	PURCHASE POWER ADJUSTMENT		SPADJ		0		0	0	0
6	CATY REVENUE ADJUSTMENT		SPADJ1				0	0	v
7	LOST BASE REVENUE ADJ		SPADJ2		0	_	0	0	
8	OUT OF TEST PERIOD REVENUES	RPADJ3	SPADJ3	ECDST	0	0	0	U	U
	451-OTHER OPERATING REVENUES								
g	JOBBING PROFIT	R4511	SR4511	CRES	0	0	0	Ó	0
10	TOTAL ACCOUNT 451	R451			0	0	0	0	0
10	454-OTHER RENTAL INCOME	1441							
11	OTHER RENTAL INCOME	R4540	SD4540	PEPIS1	4,092	599	1,566	9,471	18,604
12	WATER HEATER TAXABLE	R454H	SR454W		0		0	0	0
13	TRANSFORMER RENTALS	R454T	SR454T		1		23,488	0	0
	TOTAL ACCOUNT 454	R454	JFCF/JC	230	4,092		25,054	9,471	18,604
14	456-OTHER REVENUES	K434			1,002	3	23,02.	,, <u>-</u>	20,00
15	MASSAVE	R456M	SR456M	CNOTA	0	0	0	0	Ð
15	FUEL NORMALIZATION	R456F	SR456F		-13,505		-4,182	-40,596	-17,879
16	OTHER ELECTRIC REVENUES	R456A	SR456A		748		232	2,249	990
17	DCA TAX BENEFITS	R456B	SR456B		0		0	0	0
18		R456C	SR456C		0	-	á	Ů	ň
19	PILGRIM REFUND		SR456D		-18,7 9 7	=	-5,821	-56,505	-24,885
20	CCA NORMALIZED	R456D	SR456E		10,7,7		0	0	2.,2
21	PCAC REFUND	R456E			0		0	ō	ů
22	PCAC SALES CREDIT	R456G	SR456G		n		•	٥	
23	ESTIMATED REFUNDS	R456H	SR456H	Ecusi	-	-	-9,772	-94,852	-41,774
24	TOTAL ACCOUNT 456	R456			-31,554	-5,101	-4,772	-74,052	~41,//4
25	OTHER OPERATING REVENUES	R20			-27,461	-4,502	15,282	-85,381	~23,170
26	TOTAL OPERATING REVENUES	R00			1,850,845	294,653	609,522	5,176,791	4,526,537

Run# 5404 PAGE 10- 1

EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

ESSED & TRANS MULTI-UNIT POD ESSEE ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

ANG ON REV REQ ALLOC

LEVELIZED ROR D 10.16%

TABLE 5 - GENERATION UNIT ALLOCATION DATA

			,,,,			TOTAL C	0 M P A N	γ	
							RESIDENTIAL	SERVICE	
					TOTAL		SSI	SPACE HT	TOU
					COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
		Out	1n	Alloc					
	DEMAND COSTS BY GENERATION (JNIT							
1	SOMERSET #6 - MUST RUN	DGU1	GUD1	DGEN1	24,020,597	7,897,458	647,621	801,007	5,251
2	CANAL #1 - MUST RUN	DGU2	GUD2	DGEN2	18,970,199	6,236,995	511,457	632,593	4,147
3	CANAL #2 - MUST RUN	DGU3	GUD3	DGEN3	2,272,444	747,131	61,268	75,778	497
4	MAINE YANKEE - MUST RUN	DGU4	GUD4	DGEN4	5,478,705	1,801,281	147,712	182,697	1,198
5	MILLSTONE #3 - HUST RUN	DGU5	GUD 5	DGENS	18,741,659	6,161,856	505,295	624,972	4,097
6	VERMONT YANKEE - HUST RUN	DGU6	CUD6	DGEN6	2,827,326	929,564	7 6 ,228	94,282	618
7	PILGRIM #1 - MUST RUN	DGU7	GUD7	DGEN7	4,608,743	1,515,255	124,257	153,687	1,007
8	CONN YANKEE - HUST RUN	DGU8	GUD8	DGEN8	1,872,215	615,543	50,477	62,433	409
9	SEABROOK #1 - HUST RUN	DGU9	GUD9	DGEN9	4,493,421	1,477,316	121,143	149,851	98 2
10	OCEAN STATE POWER #1	DGU10	GUD10	DGEN10	13,910,027	4,573,132	374,993	463,960	3,042
11	OCEAN STATE POWER #2	DGU11	GUD11	DGEN11	14,607,945	4,810,207	393,158	491,764	3,204
12	SOMERSET #6	DGU12	GUD12	DGEN12	5,914,785	1,964,148	158,524	202,238	1,307
13	CANAL #2	DGU13	GUD13	DGEN13	206,689	68,809	5,483	6,860	45
14	CANAL #1	DGU14	GUD14	DGEN14	562,614	187,236	14,912	18,638	123
15	SALEM HARBOR #4	DGU15	GUD15	DGEN15	3,379,354	1,116,809	88,5 99	110,353	724
16	BRAYTON PT #4	DGU16	GUD16	DGEN16	238,641	76,645	6,075	7,582	48
17	POTTER 2	DGU17	GLD17	DGEN17	0	0	0	0	0
18	WYMAN 4	DGU18	60018	DGEN18	9,690,431	3,096,950	245,502	306,827	1,922
19	CLEARY #9	DGU19	GUD19	DGEN19	742,821	239,663	19,315	15,200	135
20	MEA	DGU20	GU DZ0	DGENZO	191,307	60,841	4,950	3,743	34
21	ELDRED	DGU21	GUD21	DGEN21	1,680,951	531,277	43,394	32,314	299
22	HCNEIL	DGU22	GUD22	DGEN22	178,135	56,030	4,590	3,381	32
23	STONY #2B	DGU23	GUD23	DGEN23	160,895	50,372	4,137	3,019	28
24	STONY #2A	DGU24	GUD24	DGEN24	160,895	50,027	4,124	2,974	28
25	JEPSON	DGU25	GUD25	DGEN25	235,992	72,975	6,032	4,318	41
26	SDMERSET JET #2	DGU26	GUD26	DGEN26	224,963	69,154	5,731	4,080	38
27	SDMERSET JET #1	DGU27	GUD27	DGEN27	12,722	3,892	323	229	Z
28	TOTAL GENERATION DEMAND	DTGU			135,384,476	44,410,566	3,625,302	4,454,779	29,258
29	GENERATION DEMAND PERCENTAGE	E DTGUP			100.00	32.80	2.68	3.29	0.02

Run# 5404 PAGE 10- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E5550 & TRANS MULTI-UNIT POD E55SE ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 81)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC

LEVELIZED ROR > 10.16%

TABLE 5 - GENERATION UNIT ALLOCATION DATA

			IAB	LE 5 - 6E	MEKALIUM UNIT		RIAL C	0 H P A N	Y	
				_			GENERAL SI			
					SM.GEN.SVC	HD.GEN.SVC	LG.GEN.SVC	PRI GEN SVC	PRI GEN SVC	TOU
					RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
		Out	In	Alloc						
	DEMAND COSTS BY GENERATION I	JNIŤ								
1	SOMERSET #6 - MUST RUN	DGU1	GUD1	DGENI	972,625	7,164,506	2,904,175	247,429	1,685,704	636,841
2	CANAL #1 - MUST RUN	DGU2	GUD2	DGEN2	768,127	5,658,148	2,293,564	195,406	1,331,280	502,943
3	CANAL #2 - MUST RUN	DGU3	GUD3	DGEN3	92,014	677,791	274,746	23,408	159,474	60,248
4	MAINE YANKEE - MUST RUN	DGU4	GUD4	DGEN4	221,840	1,634,106	662,395	56,434	384,482	145,253
5	MILLSTONE #3 - HUST RUN	DGU5	GUD5	DGEN5	758,874	5,589,983	2,265,932	193,052	1,315,242	496,884
6	VERMONT YANKEE - MUST RUN	DGU6	GUD6	DGEN6	114,482	843,293	341,834	29,123	198,415	74,959
7	PILGRIM #1 - MUST RUN	DGU7	GUD7	DGEN7	186,614	1,374,628	557,213	47,473	323,429	122,188
8	CONN YANKEE - MUST RUN	DGU8	GUD8	DGEN8	75,809	558,418	226,358	19,285	131,387	49,637
9	SEABROOK #1 - MUST RUN	DGU9	GUD9	DGEN9	181,947	1,340,253	543,271	46,286	315,328	119,177
10	OCEAN STATE POWER #1	DGU10	GUD10	DGEN10	563,261	4,149,090	1,681,746	143,290	976,076	365,741
11	OCEAN STATE POWER #2	DGU11	GUD11	DGEN11	592,083	4,365,835	1,759,162	150,881	1,017,567	383,702
12	SOMERSET #6	DGU12	GUD12	DGEN12	241,146	1,786,396	697,253	61,686	398,784	150,237
13	CANAL #2	DGU13	GUD13	DGEN13	8,495	63,579	24,065	2,207	13,592	5,083
14	CANAL #1	0GU14	GUD14	DGEN14	23,140	173,262	65,501	6,018	36, 96 4	13,816
15	SALEM HARBOR #4	DGU15	GUD15	DGEN15	140,423	1,053,906	394,451	36,762	220,536	81,766
16	BRAYTON PT #4	DGU16	GUD16	DGEN16	10,229	76,883	28,376	2,694	15,547	5,635
17	POTTER 2	DGU17	GUD17	DGEN17	. 0	. 0	0	0	0	D
18	HYMAN 4	DGU18	GUD18	DGEN18	418,657	3,141,873	1,154,876	109,927	630,322	227,652
19	CLEARY #9	DGU19	GUD19	DGEN19	35,228	264,769	83,104	8,350	45,402	16,414
20	NEA	DGUZO	GUD20	DGEN20	9,186	69,119	21,482	2,170	11,762	4,228
21	ELDRED	DGU21	GUD21	DGEN21	81,165	610,816	189,047	19,132	103,576	37,150
22	MCNEIL	DGU22	GUD22	DGEN22	8,639	65,016	20,057	2,032	10,993	3,936
23	STONY #2B	DGU23	GUD23	DGEN23	7,838	58,975	18,134	1,840	9,943	3,554
24	STONY #2A	DGU24	GUD24	DGEN24	7,893	59,350	18,159	1,845	9,958	3,551
25	JEPSON	DGU25	GUD25	DGEN25	11,648	87,499	26,658	2,711	14,619	5,204
26	SOMERSET JET #2	DGU26	GUD26	DGEM26	11,185	83,886	25,429	2,588	13,943	4,953
27	SOMERSET JET #1	DGU27	GUD27	DGEN27	636	4,766	1,438	146	789	280
28	TOTAL GENERATION DEMAND	DTGU			5,543,186	40,956,143	16,278,426	1,412,176	9,375,114	3,523,982
29	GENERATION DEMAND PERCENTAGE	E DTGUP			4.09	30.25	12.02	1.04	6.92	2.60

Run# 5404 PAGE 10- 3

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC

LEVELIZED ROR = 10.16%

TABLE 5 - GENERATION UNIT ALLOCATION DATA

			2		T 0	TAL C	0 M P A P	· Y	
					HEATING	SERVICE	OFF PEAK		
					CON SPC HTG	GEN HTG	STANDBY	WATER HTG	FIGHTING
					RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-1
		Out	In	Alloc					
	DEMAND COSTS BY GENERATION U	NIT							
1	SOMERSET #6 - MUST RUN	DGU1	GUD1	DGEN1	171,219	27,076	54,851	514,415	290,421
2	CANAL #1 - MUST RUN	DGU2	GUD2	DGEN2	135,219	21,383	43,318	406,258	229,359
3	CANAL #2 - MUST RUN	DGU3	GUD3	DGEN3	16,198	2,561	5,189	48,666	27,475
4	MAINE YANKEE - MUST RUN	DGU4	GUD4	DGEN4	39,052	6,176	12,511	117,330	66,240
5	MILLSTONE #3 - MUST RUN	DGU5	GUD5	DGEN5	133,590	21,126	42,797	401,364	226,596
6	VERMONT YANKEE - MUST RUN	DGU6	GUD6	DGEN6	20,153	3,187	6,456	60,549	34,184
7	PILGRIM #1 - MUST RUN	DGU7	GUD7	DGEN7	32,851	5,195	10,524	98,699	55,722
8	CONN YANKEE - MUST RUN	DGU8	GUD8	DGEN8	13,345	2,110	4,275	40,095	22,635
9	SEABROOK #1 - MUST RUN	DGU9	GUD9	DGEN9	32,033	5,065	10,259	96,238	54,320
10	DCEAN STATE POWER #1	DGU10	GUD10	DGEN10	99,185	15,684	31,752	297,980	168,094
11	OCEAN STATE POWER #2	DGU11	GUD11	DGEN11	105,179	16,650	32,890	316,827	168,837
12	SOMERSET #6	DGU12	GUD12	DGEN12	43,298	6,858	12,855	134,097	55, 96 1
13	CANAL #2	DGU13	GUD13	DGEN13	1,478	232	433	4,855	1,472
14	CANAL #1	DGU14	GUD14	DGEN14	4,020	630	1,178	13,225	3,952
15	SALEM HARBOR #4	DGU15	GUD15	DGEN15	24,174	3,776	6 ,97 1	78,923	21,179
16	BRAYTON PT #4	DGU16	GUD16	DGEN16	1,760	273	482	5,159	1,254
17	POTTER 2	DGU17	GUD17	DGEN17	0	0	0	0	0
18	HYMAN 4	DGU18	GUD18	DGEN18	71,948	11,198	19,467	203,411	49,899
19	CLEARY #9	DGU19	GUD19	DGEN19	2,245	885	1,917	8,576	1,619
20	NEA	DGU20	GUDZO	DGEN20	551	230	495	2,199	316
21	ELDRED	DGU21	GUD21	DGEN21	4,752	2,032	4,349	19,221	2,426
22	MCNEIL	DGUZZ	GUD22	DGEN22	497	216	461	2,024	229
23	STONY #2B	DGU23	GUD23	DGEN23	445	196	417	1,812	184
24	STONY #2A	DGU24	GUD24	DGEN24	439	198	417	1,778	153
25	JEPSON	DGU25	GUD25	DGEN25	640	293	613	2,548	193
26	SOMERSET JET #2	DGU26	GUD26	DGEN26	608	282	586	2,345	155
27	SOMERSET JET #1	DGU27	GUD27	DGEN27	34	16	33	128	8
28	TOTAL GENERATION DEMAND	DTGU			954, 914	153,528	305,497	2,878,723	1,482,883
29	GENERATION DEMAND PERCENTAGE	DTGUP			0.71	0.11	0.23	2.13	1.10

Run# 5404 PAGE 11- 1

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UMIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)
RATE BASE = 6/30/96
A&G ON REV REQ ALLOC
LEVELIZED ROR 0 10.16%

			IAL) - O	FERRITOR AND NAI	TOTAL C	D H P A N	ı Y	
							RESIDENTIAL	SERVICE	
					TOTAL		122	SPACE HT	TOU
					COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
		Out	In	Alloc					
	OPERATION & MAINTENANCE EXPEN	ISE							
	POWER SUPPLY EXPENSE REPORT								
	555-PURCHASED POWER								
1	CAPACITY COMPONENT	E\$55D	X555D	DTGUP	135,059,268	44,303,887	3,616,5 9 3	4,444,078	29,188
2	MARKET PRICE ADJ	E555A	X555A	DTGUP	0	0	0	0	0
3	ENERGY COMPONENT	E555E	X555E	ECOST	47,581,056	15,676,583	1,265,732	1,569,361	10,220
4	C&LM COMPONENT	E555C	X555C	ECOST	4,142,514	1,364,839	110,198	136,632	890
5	TOTAL ACCOUNT 555	E555			186,787,838	61,345,309	4,992,523	6,150,071	40,298
6	556-SYSTEM CONT & LOAD DISP		X556	DTGUP	8,045	2,639	215	265	2
. 7	557-OTHER EXPENSES	E557	X557	DTGUP	0	Ð	0	0	0
8	TOT PWER SUPPLY CHARGED TO D	EPSE			186,790,883	61,347,948	4,992,739	6,150,336	40,300
	TRANSMISSION EXPENSE								
	OPERATION								•
9	560-SUPERV.&ENGIMEERING	E560	X560	2560	0	0	0	0	0
10	561-LOAD DISPATCHING	E561	X561	DTGUP	0	0	0	0	0
11	562-STATION EXPENSES	E562	X562	P3523	0	0	0	0	0
12	563-OVERHEAD LINE EXPENSES	E563	X563	P3546	0	0	0	0	0
13	566-MISCELLANEOUS	E566	X566	PTRAN	0	0	0	0	0
14	567-RENTS	£567	X567	PTRAN	0	0	0	0	Ô
15	TOTAL OPERATION	ETO			0	0	0	0	0
	MAINTENANCE								
16	568-SUPERV & ENGINEERING	£568	X568	LTM	0	0	0	, 0	0
17	569-STRUCTURES	E569	X569	P352	0	0	0	0	0
18	570-STATION EQUIPMENT	E570	X570	P353	Q	a	0	Ó	0
19	571-OVERHEAD LINE EXPENSES	E571	X571	P3546	0	0	0	G	0
20	573-MISCELLANEOUS	E573	X573	PTRAN	0	0	0	0	0
21	TOTAL MAINTENANCE	ETM			0	D	0	0	Ů
22	TOTAL TRANSMISSION EXPENSE	ETRANS			0	0.	0	0	0
	DISTRIBUTION EXPENSES								
	OPERATION								
23	580-SUPERV & ENGINEERING	E580	X580	LDO	1,069,210	399,393	38,190	48,649	51 9
24	581-LOAD DISPATCHING	E581	X581	D10	712,761	247,386	20,472	39,256	190
25	582-STATION EXPENSES	E582	X582	P362	660,8 6 1	229,373	18,981	36,398	176
26	583-OVERHEAD LINE EXPENSE	E583	X583	P3645	2,133,352	756,703	62,620	120,076	582
27	584-UNDERGROUND LINE EXP	E584	X584	P3667	522, 94 1	184,414	15,261	29,263	142
28	585-STREET LIGHTING	£585	X585	P373	122,255	0			0
29	586-HETER EXPENSES	E586	X586	P370	1,563,614	527,261	65,727	39,595	1,823
	587-CUSTOMER INSTALLATION					_	_	_	_
30	WATER HEATERS	E587W	X587W	C372	0	0	0	0	0
31	OTHER	E5870	X587 0	C12	469,324	354,329	37,350	16,984	116
32	TOTAL ACCOUNT 587	E587	WEAA	007071	469,324	354,329	37,350	16,984	116
33	588-MISCELLANEOUS	£588	X588	PDIST1	2,344,011	867,864	76,816	115,355	716 173
34	589-RENTS	E589	X589	PDIST1	568,123	210,346	18,61 6	27,959	
35	TOTAL OPERATION	EDO			10,166,452	3,777,068	354,036	473,535	4,436

Run# 5404 PAGE 11- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)
RATE BASE = 6/30/96
A&G ON REV REG ALLOC
LEVELIZED ROR @ 10.16%

			IAD	LE 6 - C		T 0	TALC	0 M P A	N Y	
							GENERAL SI			
					SM.GEM.SVC	MD.GEN.SVC	LG.GEN.SVC		PRI GEN SVC	TOU
					RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
		Out	In	Alloc						
	OPERATION & MAINTENANCE EXPEN POWER SUPPLY EXPENSE REPORT 555-PURCHASED POWER	ISE								
1	CAPACITY COMPONENT	E555D	X555D	DTGUP	5,529,870	40,857,762	16,239,324	1,408,784	9,352,593	3,515,517
2	MARKET PRICE ADJ	E555A	X555A	DTGUP	0	0	0	0	0	0
3	ENERGY COMPONENT	ESSSE	X555E	ECOST	1,965,635	14,565,794	5,650,988	502,232	3,211,445	1,202,540
4	CALM COMPONENT	E55SC	X555C	ECOST	171,133	1,268,131	491,988	43,725	279,596	104,696
5	TOTAL ACCOUNT 555	E555			7,666,638	56,691,687	22,382,299	1,954,742	12,843,634	4,822,753
6	556-SYSTEM CONT & LOAD DISP	E556	X556	DTGUP	329	2,434	967	84	557	209
7	557-OTHER EXPENSES	E557	X557	DTGUP	0	0	0	0	Ð	a
8	TOT PWER SUPPLY CHARGED TO D	EPSE			7,666,968	56,694,120	22,383,266	1,954,826	12,844,192	4,822,962
	TRANSMISSION EXPENSE OPERATION									
9	560-SUPERV.&ENGINEERING	£560	X560	Z560	0	0	0	0	0	0
10	561-LOAD DISPATCHING	E561	X561	DTGUP	0	0	0	0	D	0
11	562-STATION EXPENSES	E562	X562	P3523	0	0	0	0	0	D
12	563-OVERHEAD LINE EXPENSES	£563	X563	P3546	0	0	0	0	0	Ð
13	566-MISCELLANEOUS	E566	X566	PTRAN	Ü	0	0	0	0	Ď
14	567-RENTS	£567	X567	PTRAN	0	0	0	0	0	0
15	TOTAL OPERATION	£T0			0	0	0	Đ	0	0
	MAINTENANCE									
16	568-SUPERV & ENGINEERING	E568	X568	LTM	0	0	0	0	0	0
17	569-STRUCTURES	E569	X569	P352	0	B	0	0	0	0
18	570-STATION EQUIPMENT	ES70	X570	P353	0	0	0	0	0	8
19	571-OVERHEAD LINE EXPENSES	E571	X571	P3546	0	0	0	0	Ď	9
20	573-MISCELLANEOUS	E573	X573	PTRAN	O	0	0	0	0	0
21	TOTAL MAINTENANCE	ETM			Ó	0	0	0	0	0
22	TOTAL TRANSMISSION EXPENSE	ETRANS	;		0	0	D	0	0	0
	DISTRIBUTION EXPENSES OPERATION									
23	58D-SUPERV & ENGINEERING	E580	X580	LD0	69,556	267,352	66,532	9,660	34,506	12,530
24	581-LOAD DISPATCHING	E581	X581	D10	30,660	746, 214	64,490	8,205	41,810	11,823
25	582-STATION EXPENSES	E582	X582	P362	28,427	199,109	59,794	7,608	38,766	10,962
26	583-OVERHEAD LINE EXPENSE	E583	X583	P3645	93,782	658,357	197,544	17,635	9 2,072	36,163
27	584-UNDERGROUND LINE EXP	E584	X584	P3667	22,855	160,225	48,540	4,623	24,356	8,813
28	S85-STREET LIGHTING	E585	X585	P373	0	0	0	a	0	0
29	586-METER EXPENSES	E586	X586	P370	187,288	285,676	4,661	21,583	20,948	3,806
	587-CUSTOMER INSTALLATION	EXPENSE								
30	WATER HEATERS	E587W	X587W	C372	Q	0	0	O	0	0
31	OTHER	E5870	X5870	C12	42,770	16,901	219	87	85	180
32	TOTAL ACCOUNT 587	E587			42,770	16,901	219	87	85	180
33	588-MISCELLANEOUS	E588	X588	PDIST1	114,365	626,634	185,456	17,008	78,920	32,999
34	589-RENTS	E589	X589	PDIST1	27,719	151,879	44,949	4,122	19,128	7,998
35	TOTAL OPERATION	EDO			617,423	2,580,878	672,184	90,532	350, 589	125,273

Run# 5404 PAGE 11- 3

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

AMG ON REV REQ ALLOC
LEVELIZED ROR 2 10.16%

			,,,,			T 0 T	A L C	0 H P A	N Y	
						HEATING	SERVICE	OFF PEAK		
					co	K SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
						RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-1
		Out	In	Alloc						
	OPERATION & MAINTENANCE EXPEN	ISE								
	POWER SUPPLY EXPENSE REPORT									
	555-PURCHASED POWER									
1	CAPACITY COMPONENT	E555D	X555D	DTGUP		952,620	153,159	304,763	2,871,808	1,479,321
2	MARKET PRICE ADJ	E555A	X555A	DTGUP		0	0	0	0	0
3	ENERGY COMPONENT	E555E	X555E	ECOST		337,944	54,633	104,659	1,015,884	447,405
4	C&LM COMPONENT	ESSSC	X555C	ECOST		29,422	4,756	9,112	88,445	38,952
5	TOTAL ACCOUNT 555	E555				1,319,987	212,548	418,534	3,976,137	1,965,678
6	556-SYSTEM CONT & LOAD DISP		X556	DTGUP		57	9	18	171	88
7	557-OTHER EXPENSES	E557	X557	DTGUP		0	0	0	0	0
8	TOT PHER SUPPLY CHARGED TO D	EPSE				1,320,043	212,557	418,552	3,976,308	1,965,766
	TRANSMISSION EXPENSE									
	OPERATION					_	_	_	_	
9	560-SUPERV.&ENGINEERING	E560	X560	Z560		0	0	0	0	0
10	561-LOAD DISPATCHING	E561	X561	DTGUP		0	0	0	0	0
11	562-STATION EXPENSES	E562	X562	P3523		0	0	0	0	0
12	563-OVERHEAD LINE EXPENSES	E563	X563	P3546		0	0	0	0	0
13	566-MISCELLANEOUS	E566	X566	PTRAN		D	0	0	0	0
14	567-RENTS	E567	X567	PTRAN		0	0	0	0	0
15	TOTAL OPERATION	ELO				0	0	0	0	¢.
	MAINTENANCE						_	_	_	
16	568-SUPERV & ENGINEERING	E568	X568	LTH		0	0	0	0	0
17	569-STRUCTURES	E569	X569	P352		0	0	0	0	0
18	570-STATION EQUIPMENT	E570	X570	P353		0	0	0	0	0
19	571-OVERHEAD LINE EXPENSES	ES71	X571	P3546		0	0	Ů	0	Û
20	573-MISCELLANEOUS	E573	X573	PTRAN		0	0	Û	0	
21	TOTAL MAINTENANCE	ETM				ė ė	0	0	0	,
22	TOTAL TRANSMISSION EXPENSE	ETRANS	i			U	v	•	U	v
	DISTRIBUTION EXPENSES									
	OPERATION	FF44	VEGA	4.50		10 (00	9 917		76,241	28,782
23	580-SUPERV & ENGINEERING	E580	X580	FDO		10,680	2,217	4,403 5 840	•	7,4 9 6
24	581-LOAD DISPATCHING	E581	X581	D10		9,984	1,285	5,840 5,415	9,118	6,950
25	582-STATION EXPENSES	E582 E583	X582 X583	P362		9,257	1,191 3,930	12,529	8,454 27, 8 91	22,929
26	583-OVERHEAD LINE EXPENSE			P3645		30,539 7,443	3,730 958	3,664	6,797	5,588
27	584-UNDERGROUND LINE EXP 585-STREET LIGHTING	E584 E585	X584 X585	P3667 P373		7,445	730	3,004	0,757	122,255
28		E586	X586	P373 P370		3,698	5,471	635	395,443	122,233
29	586-METER EXPENSES 587-CUSTOMER INSTALLATION	EXPENSE		P3/U		3,070	2,471	645	373,443	•
20	WATER HEATERS	E587N	X587W	C372		0	0	0	0	0
30 31	OTHER	E5870	X5870	C12		304	0	a	0	0
32	TOTAL ACCOUNT 587	E587	V3010	CIL		304	0	ů	'n	0
33	588-MISCELLANEOUS	E588	X588	PDIST1		27,889	4,023	10,641	59,495	125,829
34	589-RENTS	E589	X589	PDIST1		6,760	975	2,579	14,420	30,498
35	TOTAL OPERATION	EDO	A307	. 01011		106,552	20,050	45,707	597,860	350,327
23	IVIAL OFERNIZOR	LDO				240,556	20,020	42,101	37. your	D34 70E1

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EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC

LEVELIZED ROR @ 10.16%

			176		OLCKWITON WID WITH	TOTAL C	0 M P A N	Y	
							RESIDENTIAL		
					TOTAL		SSI	SPACE HT	TOU
					COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
		Out	In	Alloc					
	MAINTENANCÉ								_
1	590-SUPERV & ENGINEERING	E590	X590	FDM	35,295	11,284	934	1,790	9
2.	591-STRUCTURES	E591	X591	P361	11,288	3,918	324	622	3
3	592-STATION EQUIPMENT	E592	X592	P362	246,773	85,650	7,088	13,591	66
4	593-OVERHEAD LINE EXPENSE	E593	X593	P3645	4,958,628	1,758,832	145,550	279,097	1,352
5	594-UNDERGROUND LINE EXP	E594	X594	P3667	410,697	144,831	11,985	22,982	111
6	595-LINE TRANSFORMERS	E595	X595	P368	232,591	84,834	7,020	13,462	65
7	596-ST LT & SIGNAL SYSTEMS	E596	X596	P373	373,160	0	0	0	0
8	597-HETER EXPENSES	E597	X597	P370	62	21	3	2	_ 0
9	598-MISCELLANEOUS	E598	X598	PDIST		48,717	4,312	6,475	40
10	TOTAL MAINTENANCE	EDM			6,400,073	2,138,087	177,217	338,021	1,646
11	TOTAL DISTRIBUTION EXPENSE	EDIST			16,566,525	5,915,155	531,253	811,557	6,083
	CUSTOMER ACCOUNTS EXPENSES				•		-		
12		E901	X901	LÇUST	36,245	23,345	2,541	1,119	8
13	902-METER READING EXPENSE	E902	X902	CW902	1,262,629	835,178	88.036	40,031	300
14	903-CUSTONER RECORDS	E943	X903	CN903	4,447,539	2,652,268	316,251	127,127	867
15	904-UNCOLLECTIBLE ACCOUNTS	E904	X904	CN904	1,651,064	799,681	242,366	112,054	0
16	905-MISCELLANEOUS	E905	X905	C11	722	418	44	20	0
17		ECUST			7,398,199	4,310,890	649,238	280,352	1,175
	CHATCHER CERLITOR AND THEODILL	TTON 54	054050						
10	CUSTOMER SERVICE AND INFORMA	E907	X907	LCEDIA	267 420	e2 1Z0	8,657	3,937	27
10	907-SUPERVISION		X907	LSERV	243,629	82,130	0,051	3,737	21
	908-CUSTOMER ASSISTANCE EXP		X908M	C33	^		0	0	0
19	CUSTOMER AUDIT(MASSSAVE)	E908M			0	750 200			82
20	OTHER	E9080	X9080	CW908	828,468	250,200	26,374 19,308	11,992	156
21	C&LM	E908C	X908C	ECOST	725,806	239,132		23,939	238
22	TOTAL ACCOUNT 908	E908	waan	euge&	1,554,274	489,332	45,681	35,932	236 65
23	909-INFO & INSTRUCTIONAL EXP		X909	CW909	230,457	199,760	21,057	9,575	
24	910-CUST SVE & INFO EXPENSE	E910	X910	E9089	48,133	18,584	1,800	1,227	8
25	TOTAL CUST SVE & INFO EXP	ESERV			2,076,4 9 3	789,806	77,195	50,670	338
	SALES EXPENSES								
26	911-SUPERVISION	E911	X911	LSALES	. 0	0	0	0	0
27	912-DEMO & SELLING EXPENSE	E912	X912	CW912	82,672	a	0	ō	Ď
28	913-ADVERTISING EXPENSE	E913	X913	CW913	0	ō	0	0	ō
29	916-MISCELLANEOUS	E916	X916	CW916	Ô	·	0	o	ō
30	TOTAL SALES EXPENSE	ESALES			82,672	0	0	a	0
					•				

Run# 5404 PAGE 12- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 ~ 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

AMG ON REV REQ ALLOC

LEVELIZED ROR = 10.16%

TABLE 6 - OPERATION AND MAINTENANCE EXPENSES

			170				L A L C	0 M P A N	Y	
							GENERAL SI	ERVICE		
					SM.GEN.SVC	MD.GEN.SVC	LG.GEN.SVC	PRI GEN SVC	PRI GEN SVC	TOU
					RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
		Out	In	Alloc						
	MAINTENANCE									
1	590-SUPERV & ENGINEERING	E590	X590	LDM	1.399	9,814	2,969	263	1,381	539
2	591-STRUCTURES	E591	X591	P361	486	3,401	1,021	130	662	187
3	592-STATION EQUIPMENT	E592	X592	P36Z	10,615	74,350	22,328	2,841	14,476	4,093
4	593-OVERHEAD LINE EXPENSE	E593	X593	P3645	217,982	1,530,244	459,158	40,989	214,005	84,054
5	594-UNDERGROUND LINE EXP	E594	X594	P3667	17,950	125,834	38,121	3,630	19,128	6,921
6	595-LINE TRANSFORMERS	E595	X595	P368	10,514	74,227	25,877	102	2,551	4,054
7	596-ST LT & SIGNAL SYSTEMS	E596	X596	P373	0	. 0	. 0	Ð	0	· o
8	597-METER EXPENSES	E597	X597	P370	7	11	0	1	1	a
9	598-MISCELLANEOUS	E598	X598	PDIST1	6,420	35,176	10,410	955	4,430	1,852
10	TOTAL MAINTENANCE	EDM			265,372	1,853,058	559,885	48,911	256,634	101,702
11	TOTAL DISTRIBUTION EXPENSE	EDIST			882,796	4,433,936	1,232,068	139,442	607,223	226,975
					.,			•		,
	CUSTOMER ACCOUNTS EXPENSES									
12	901-SUPERVISION	E901	X901	LCUST	5,031	2,072	27	15	15	22
13	902-METER READING EXPENSE	E902	X902	CW902	201,624	83,658	1,082	639	620	891
14	903-CUSTOMER RECORDS	E903	X903	CW983	362,146	143,107	1,851	741	719	1,525
15	904-UNCOLLECTIBLE ACCOUNTS	E904	X904	CH984	59,245	286,653	47,637	41,052	0	46,127
16	905-MISCELLANEOUS	E905	X905	CII	50	20	0	0	0	0
17	TOTAL CUSTOMER ACCOUNTS	ECUST			628,096	\$15,510	50,597	42,447	1,354	48,566
	CUSTOMER SERVICE AND INFORMA	TION EV	DENCEC							
18		E907	X907	LSERV	91,932	36,328	8,655	188	3,360	387
10	908-CUSTOMER ASSISTANCE EXP		M741	CJERT	71,732	34,320	6,022	100	3,300	307
19	CUSTOMER AUDIT(MASSSAVE)	E9D8H	X908M	C33	ø	0	0	0	0	Ď
20	OTHER	E9080	X9080	CH908	333,338	131,723	31.384	682	12,184	1,403
21	C&LM	E908C	X908C	ECOST	29,984	222,188	86,201	7,661	48,988	18,344
22	TOTAL ACCOUNT 908	E908	X 700L	E0031	363,322	353,911	117,585	8,343	61,172	19,747
23	909-INFO & INSTRUCTIONAL EXP		X909	CH909	342,322 Ú	0	0	0	01,1,1	17,747
24	910-CUST SVE & INFO EXPENSE	E910	X910	E9089	9,799	9,545	3,171	225	1,650	533
25	TOTAL CUST SVE & INFO EXP	ESERV	A710	E7007	465,053	399,784	129,411	8,756	66,182	20,667
23	TOTAL COST STE & INFO EXP	ESERY			405,055	377,104	127,411	0,750	00,102	20,007
	SALES EXPENSES									
26	911-SUPERVISION	E911	X911	LSALES	0	a	0	0	0	D
27	912-DEMO & SELLING EXPENSE	E912	X912	CW912	0	0	59,051	Ð	22,926	0
28	913-ADVERTISING EXPENSE	E913	X913	CW913	0	0	0	0	0	0
29	916-MISCELLANEOUS	E916	X916	CW916	0	0	0	Ð	0	0
30	TOTAL SALES EXPENSE	ESALES	i		D	0	59,051	. 0	22,926	0

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EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

ABG ON REV REQ ALLOC
LEVELIZED ROR @ 10.16%

					T 0	TALC	0 H P A I	N Y	
					HEATING		OFF PEAK		
					COM SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
					RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-1
		Out	In	Alloc	NATE III I	*****			
			•						
	MAINTENANCE								
1	590-SUPERV & ENGINEERING	E590	X590	LDM	455	59	191	416	3,792
2	591-STRUCTURES	E591	X591	P361	158	20	92	144	119
3	592-STATION EQUIPMENT	E592	X592	P362	3,457	445	2,022	3,157	2,595
4	593-OVERHEAD LINE EXPENSE	E5 9 3	X593	P3645	70, 9 83	9,135	29,123	64,828	53,295
5	594-LINDERGROUND LINE EXP	E5 9 4	X594	P3667	5,845	752	2,878	5,338	4,389
6	595-LINE TRANSFORMERS	E5 9 5	X595	P368	3,424	441	323	3,127	2,571
7	596-ST LT & SIGNAL SYSTEMS	E5 96	X596	P373	0	0	0	0	373,160
8	597-METER EXPENSES	E597	X597	P370	0	0	Ð	16	0
9	598-HISCELLANEOUS	E598	X598	PDIST	1,566	226	597	3,340	7,063
10	TOTAL MAINTEMANCE	EDM			85,887	11,078	35,227	80,366	446,983
11	TOTAL DISTRIBUTION EXPENSE	EDIST			192,439	31,128	80,934	678,225	797,311
	CUSTOMER ACCOUNTS EXPENSES								
12	901-SUPERVISION	E901	X901	LCUST	7	8	0	782	1,254
13	902-METER READING EXPENSE	E902	X902	CW902	72	107	19	10,370	0
14	903-CUSTOMER RECORDS	E903	X903	CH903	2,570	2,667	22	259,111	576,568
15	984-UNCOLLECTIBLE ACCOUNTS	E904	X904	CW904	0	9 19	0	15,330	0
16	905-MISCELLANEOUS	E905	X905	C11	0	1	0	52	116
17	TOTAL CUSTOMER ACCOUNTS	ECUST			2,649	3,701	41	285,645	577,938
	CUSTOMER SERVICE AND INFORMA	TION EX							
18	907-SUPERVISION	E907	X907	LSERV	652	0	102	0	7,273
	908-CUSTOMER ASSISTANCE EXP	ENSE							
19	CUSTOMER AUDIT(MASSSAVE)	E908M	X908H	C33	1	0	0	0	0
20	OTHER	E908D	X9080	CW908	2,366	0	369	0	26,370
21	C&LM	E908C	X908C	ECOST	5,155	833	1,596	15,4 96	6,825
22	TOTAL ACCOUNT 908	E908			7,521	833	1,966	15,4 96	33,195
23	909-INFO & INSTRUCTIONAL EXP	E909	X909	CW909	0	Ð	0	0	0
24	91D-CUST SVE & INFO EXPENSE	E 9 10	X 9 10	E9089	203	ZŻ	53	418	895
25	TOTAL CUST SVE & INFO EXP	ESERV			8,376	856	2,121	15,914	41,363
	CALES EVERNOES								
~	SALES EXPENSES	EO1 I	V011	10415		n	^	•	0
	911-SUPERVISION	E911	X911	LSALES		0	0	0	_
27	912-DEMO & SELLING EXPENSE	E912	X912	CW912	0	0	695	ę o	0 D
28	913-ADVERTISING EXPENSE	E913	X913	CW913	•	0	0	0	_
29	916-HISCELLANEOUS	E916	X916	CW916	0	0	ő COS	9	0
30	TOTAL SALES EXPENSE	ESALES			0	0	695	đ	O

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EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

A&G OW REV REQ ALLOC

LEVELIZED ROR @ 10.16%

						TOTAL C	0 M P A N	Y	
							RESIDENTIAL	SERVICE	
					TOTAL		SSI	SPACE HT	TOU
					COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
		0ut	In	Alloc					
	ADMINISTRATION & GENERAL EXPLOPERATION	ENSES							
1	920-SALARIES	E920	X920	AGRR	4,071,933	1,622,124	164,459	187,086	1,259
2	921-OFFICE SUPPLIES & EXP	E921	X921	AGRR	800,978	319,083	32,350	36,801	248
3	922-ADMIN EXP TRANSFERRED	E922	X922	AGRR	-191,670	-76,355	-7,741	-8,806	-59
4	923-OUTSIDE SERVICES EMPLD	E923	X923	AGRR	930,227	370,572	37,570	42,740	288
5	924-PROPERTY INSURANCE	E924	X924	PEPIS1	41,108	15,2 99	1,363	2,007	13
6	925-IMJURIES & DAMAGES	E925	X925	AGRR	1,576,799	628,145	63,685	72,446	488
. 7	926-EMPLOYEE PENS &BENEFIT	E926	X926	LABOR	5,739,082	2,324,095	225,606	249,485	2,145
8	927-FRANCHISE REQUIREMENT	E927	X927	AGRR	0	0	0	0	O.
9	928-REG COMMISSION EXP	E928	X928	AGRR	460,181	183,321	18,586	21,143	142
10	929-DUPLICATE CHARGES	E929	X929	AGRR	-149,093	-59,394	-6,022	.~6,850	-46
11	9301-GENERAL ADVERTISING	E9301	X9301	AGRR	1,243	495	50	57	. 0
	930.2-MISC GENERAL EXPENSE								
12	MASS SITING COUNCIL	E9302S	X9302S	AGRR	0	0	0	0	0
13	ALL OTHER	E93020	X93020	AGRR	1,091,061	434,643	44,066	50,12 9	337
14	TOTAL ACCOUNT 930.2	E9302			1,091,061	434,643	44,066	50,12 9	337
15	931-RENTS	E931	X931	AGRR	269,436	107,334	10,882	12,379	83
16	TOTAL OPERATIONS	EAG0			14,641,285	5,869,362	584,856	658,618	4,898
	MAINTENANCE								
17	935-MAINT OF GENERAL PLANT	E935	X935	AGRR	541,581	215,748	21,874	24,883	167
18	TOTAL ADMIN. &GENERAL EXPENSE	EAG			15,182,866	6,085,110	606,730	683,501	5,065
19	TOTAL OPERATION & MAINT. EXP	OHE			228,097,638	78.448.909	6,857,154	7,976,416	52, 96 1

Run# 5404 PAGE 13- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGNT. (REV - 01)

RATE BASE = 6/30/96

ARG ON REV REQ ALLOC

LEVELIZED ROR @ 10.16%

						T D	TALC	OHPAP	I Y	
							GENERAL SI	ERVICE		
					SM.GEN.SVC	MD.GEN.SVC	LG.GEN.SVC	PRI GEN SVC	PRI GEN SVC	TOU
					RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
		0ut	In	Alloc						
	ADMINISTRATION & GENERAL EXPE	ENSES								
	OPERATION									
1	920-SALARIES	E920	X 9 20	AGRR	261,259	942,867	268,154	29,048	120,592	50,210
2	921-OFFICE SUPPLIES & EXP	E921	X921	AGRR	51,391	185,469	52,748	5,714	23,721	9,877
3	922-ADMIN EXP TRANSFERRED	E922	X922	AGRR	-12, 29 8	-44,382	-12,622	-1,367	-5,676	-2,363
4	923-OUTSIDE SERVICES EMPLD	E923	X923	AGRR	59,684	215,397	61,259	6,636	27,549	11,470
5	924-PROPERTY INSURANCE	E924	X924	PEPIS1	2,086	10,875	3,193	298	1,369	569
6	925-INJURIES & DAMAGES	E925	X925	AGRR	101,169	365,112	103,839	11,248	46,697	19,443
7	926-EMPLOYEE PENS &BENEFIT	€926	X926	LABOR	460,296	1,271,946	324,113	40,085	160,950	59,89 5
8	927-FRANCHISE REQUIREMENT	E927	X927	AGRR	Ó	0	0	0	0	0
9	928-REG COMMISSION EXP	E928	X928	AGRR	29,526	106,556	30,305	3,283	13,628	5,674
10	929-DUPLICATE CHARGES	E929	X929	AGRR	-9,5 66	-34,523	-9,818	-1,064	-4,415	-1,838
11	9301-GENERAL ADVERTISING	E9301	X9301	AGRR	80	288	82	9	37	15
	930.2-MISC GENERAL EXPENSE									
12	MASS SITING COUNCIL	E9302S	X9302S	AGRR	0	0	0	0	0	0
13	ALL OTHER	E93020	X93020	AGRR	70,003	252,638	71,851	7,783	32,312	13,454
14	TOTAL ACCOUNT 930.2	E9302			70,003	252,638	71,851	7,783	32,312	13,454
15	931-RENTS	E931	X931	AGRR	17,287	62,389	17,744	1,922	7,979	3,322
16	TOTAL OPERATIONS	EAGO			1,030,918	3,334,631	910,847	103,596	424,744	169,728
	MAINTENANCE									
17	935-MAINT OF GENERAL PLANT	E935	X935	AGRR	34,748	125,405	35,665	3,863	16,039	6,678
18	TOTAL ADMIN.&GENERAL EXPENSE	EAG			1,065,666	3,460,035	946,512	107,459	440, 78 3	176,407
19	TOTAL OPERATION & MAINT, EXP	OME			10,708,578	65,503,3 86	24,800,907	2,252,930	13,982,659	5,295,576

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EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

AMEG ON REV REG ALLOC

LEVELIZED ROR @ 10.16%

					O	TAL	. O M P A I	N Y		
					HEATI	HEATING SERVICE		OFF PEAK		
					COM SPC HT	G GEN HTG	STANDBY	WATER HTG	LIGHTING	
					RATE H-	1 RATE H-2	RATE A-6	RATE H-1	RATE S-1	
		Out	In	Alloc						
	ADMINISTRATION & GENERAL EXP	ENSES								
	OPERATION									
1	920-SALARIES	E920	X920	AGRR	39,35	4 6,299	15,566	137,188	226,467	
2	971-DFFICE SUPPLIES & EXP	E921	X921	AGRR	7,74	1 1,239	3,062	26,986	44,548	
3	922-ADMIN EXP TRANSFERRED	E922	X922	AGRR	-1,85	2 -297	-733	-6,458	-10,660	
4	923-OUTSIDE SERVICES EMPLD	E923	X923	AGRR	8,99	0 1,439	3,556	31,340	51,736	
5	924-PROPERTY INSURANCE	E924	X924	PEPIS1	48	1 70	184	1,113	2,187	
6	925-INJURIES & DAMAGES	E925	X925	AGRR	15,23	9 2,439	6,028	53,124	87,696	
7	926-EMPLOYEE PENS &BENEFIT	E926	X976	LABOR	50,71	4 9,218	20,852	268,313	271,369	
8	927-FRANCHISE REQUIREMENT	E927	X927	AGRR	1	0 0	0	0	0	
9	928-REG COMMISSION EXP	E928	X928	AGRR	4,44	7 712	1,759	15,504	25,594	
10	929-DUPLICATE CHARGES	E929	X929	AGRR	-1,44	1 -231	-570	-5,023	-8,292	
11	9301-GEMERAL ADVERTISING	E9301	X9301	AGRR	1:	2 2	5	42	69	
	930.2-MISC GENERAL EXPENSE						•			
12	MASS SITING COUNCIL	E9302S	X9302S	AGRR	1	0 0	0	0	0	
13	ALL OTHER	E93020	X93020	AGRR	10,54	5 1,688	4,171	36,759	60,681	
14	TOTAL ACCOUNT 930.2	E9302			10,54	5 1,688	4,171	36,759	60,681	
15	931-RENTS	E931	X931	AGRR	2,60	4 417	1,030	9,078	14,985	
16	TOTAL OPERATIONS	EAGO			136,83	4 22 ,99 7	54,909	567, 968	766,380	
	MAINTENANCE									
17	935-MAINT OF GENERAL PLANT	E935	X935	AGRR	5,23	4 838	2,070	18,247	30,121	
18	TOTAL AUMIN. AGENERAL EXPENSE	EAG			142,06	8 23,834	56,980	586,214	796,501	
	70744 OPERATION & MATHE CUR.	OME						/		
19	TOTAL OPERATION & HAINT. EXP	UME			1,665,57	6 272,077	559,322	5,542,307	4,178,879	

Run# 5404 PAGE 14- 1

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

AAG ON REV REQ ALLOC
LEVELIZED ROR a 10.16%

TABLE 6A - ADJUSTMENTS TO OPERATION AND MAINTENANCE EXPENSES

		TABI	E 6A -	ADJUSTME		D MAINTENANCE EXPENSES	5			
						TOTAL C	0 M P A N	Y		
							RESIDENTIAL SERVICE			
					TOTAL		SSI	SPACE HT	TOU	
					COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4	
		Out	In	Alloc						
	ADJUSTMENTS TO OPERATION & MA	INTENA	ICE EXPE	ENSES						
	INCREASES									
1	EECO WAGE INCREASE	IANG	AOH1	1. ABOR	0	0	0	0	0	
2	EECO GROUP INSURANCE	OHA3	AOM3	LABOR	0	0	0	0	0	
3	EECO EMPLOYEE THRIFT PLAN	OHA4	AOM4	LABOR	0	0	0	G	0	
4	RECLASS BONATIONS & CUST DEP	OHA5	AOM5	PEPIS1	Ó	0	0	0	0	
5	AMORTIZE RATE CASE	OMA6	ADM6	E928	0	0	0	0	. 0	
6	EUASC WAGE INCREASE	OMA14	ADM14	LABOR	0	0	0	0	Ò	
7	EUASC HEALTH INSURANCE	OMA15	AOH15	LABOR	0	0	Ď	0	Đ	
8	EUASC GROUP INSURANCE	OMA16	AOM16	LABOR	0	0	0	0	0	
9	CAD SYSTEM AMORTIZATION	DMA7	AON7	PEPISL	Φ .	0	0,	0	0	
10	BAD DEBT ADJUSTMENT	OHA9	AOH9	CW904	0	0	0	0	0	
11	HAZARDOUS WASTE AMORTIZATION	O [AMO	AOM10	PEPIS1	0	0	0	0	0	
12	POSTAGE ADJUSTMENT	OMA11	AOM11	ECS	0	0	0	Û	0	
13	EUASC EMPLOYEE THRIFT PLAN	OMA17	A0M17	LABOR	0	0	0	Û	0	
14	OBSOLETE INVENTORY ADJUSTMENT	OMA19	AOM19	PEPIS1	0	D	0	0	0	
	EUASC EQUITY RETURN	OMA21	ADM21	PGEN	0	0	. 0	0	0	
16	INFLATION ALLOWANCE	OMA22	A0M22	INFLT	0	0	0	a	0	
	FAS 106	DMA23	ADH23	LABOR	0	0	0	0	0	
18	PENSION INCOME CREDIT	OMA24	AOH24	LABOR	0	Q	0	0	D	
19	TOTAL INCREASES	ADDOM			0	Û	0	0	0	
	DECREASES									
20	EECO HEALTH INSURANCE	OHA2	AOM2	LABOR	0	0	0	0	0	
21	AMORTIZE DEFERRED DEBITS	OMA8	8MOA	CW904	0	0	0	0	0	
22	DIVIDEND REINVESTMENT	OMA12	AOM12	LABOR	0	0	0	0	0	
23	CONSOLIDATED TAX SAVINGS	OMA13	AOM13	RSALE	0	0	0	0	0	
24	RCS ADMIN EXPENSE	OMA18	ACM18	C33	0	. 0	0	0	Q	
25	VRI ADJUSTMENT	OMA20	AOM20	LABOR	O	0	0	0	0	
26	EUASC PENSION EXPENSE	OMA25	AOM25	LABOR	0	D	0	0	0	
27	PURCHASED POWER	DMA26	ADM26	E555	0	0	0	0	0	
28	TOTAL DECREASES	DEDOM			a	0	0	0	Ů	
29	NET INCREASE TO DEM EXPENSES	NETOM			0	. 0	0	a	0	
30	TOTAL ADJUSTED ORM EXPENSES	AOHE			228,097,638	78,448,909	6,857,154	7,976,416	52,961	

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Run# 5404 PAGE 14- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POB E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV ~ 01)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC
LEVELIZED ROR a 10.16%

TABLE 6A - ADJUSTMENTS TO OPERATION AND MAINTENANCE EXPENSES

	TABL	E 6A -	ADJUSTMEN	ITS TO OPERATIO					
			-		1 0		O H P A M	4	
			_			GENERAL SI			****
				SM.GEN.SVC	ND.GEN.SVC	LG.GEN.SVC	PRI GEN SVC		TOU
		_		RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
	Qut	In	Alloc						
ADJUSTMENTS TO OPERATION & MA	AIHTENAN	CE EXPE	NSES						
INCREASES									
1 EECO WAGE INCREASE	OMAL	AOM1	LABOR	0	0	0	G	0	0
2 EECO GROUP INSURANCE	OMA3	AOH3	LABOR	θ	0	O	0	0	0
3 EECO EMPLOYEE THRIFT PLAN	OMA4	A0#4	LABOR	0	0	0	0	0	0
4 RECLASS DONATIONS & CUST DEP	OHA5	AOH5	PEPIS1	0	0	Ð	0	0	0
5 AMORTIZE RATE CASE	OHA6	AOM6	E928	0	0	0	0	0	0
6 EUASC WAGE INCREASE	ONA14	AON14	LABOR	0	0	0	Ů	0	0
7 EUASC HEALTH INSURANCE	OHA15	A0H15	LABOR	0	0	0	٥	G-	0
8 EUASC GROUP INSURANCE	OMA16	A0M16	LABOR	0	0	0	9	Ð	0
9 CAD SYSTEM AMORTIZATION	OHA7	AOH7	PEPIS1	0	0	0	0	Ð	6
10 BAD DEBT ADJUSTMENT	OMA9	AOH9	CW904	0	0	0	0	0	0
11 HAZARDOUS WASTE AMORTIZATION		AOH10	PEPIS1	0	Ō	0	0	0	0
12 POSTAGE ADJUSTMENT	OMA11	AOM11	ECS	0	a	0	0	0	0
13 EUASC EMPLOYEE THRIFT PLAN	OHA17	AUH17	LABOR	0	á	Ö	D	G	0
14 OBSOLETE INVENTORY ADJUSTMENT		A0H19	PEPIS1	ů	ō	a	ō	0	0
15 EUASC EQUITY RETURN	OHA21	AOH21	PGEN	ū	-	ů	ū	0	ō
16 INFLATION ALLOWANCE	OMAZZ	AOMZZ	INFLT	0	0	ň	Ö	Ď	o o
17 FAS 106	OMA23	AON23	LABOR	ŏ	Ŏ	ă	0	0	ō
18 PENSION INCOME CREDIT	OHA24		LABOR	ō	Ď	ō	0	0	0
19 TOTAL INCREASES	ADDOM	AUNICY	LADUK	0	n	ů	Ď	0	å
19 TOTAL INCREASES	жрооп			•	•	•	•	ū	•
DECREASES									
20 EECO MEALTH INSURANCE	OMA2	AOM2	LABOR	0	0	0	0	0	0
21 AMORTIZE DEFERRED DEBITS	8AMG	ADH8	CW904	0	0	0	0	0	0
22 DIVIDEND REINVESTMENT	DMA12	AOH12	LABOR	0	0	Q.	0	0	0
23 CONSOLIDATED TAX SAVINGS	DMA13	ADM13	RSALE	0	0	0	0	0	0
24 RCS ADMIN EXPENSE	DMA18	ADM18	C33	9	0	0	0	o o	0
25 VRI ADJUSTMENT	DMA20	AOM20	LABOR	1	Ó	0	ā		0
26 EUASC PENSION EXPENSE	OMA25	AOM25	LABOR	0	0	0	0	ā	
27 PURCHASED POWER	OMA26	AOM26	E555	0	ā	ō	ō	0	0
28 TOTAL DECREASES	DEDOM	HOIILO		0	ň	Ó	á	0	Ď
20 TOTAL DEGREESES	·			•	•	·	•	•	•
29 NET INCREASE TO 08M EXPENSES	NETOM			0	0	0	0	0	0
30 TOTAL ADJUSTED DAM EXPENSES	AOME			10,708,578	65,503,386	24,800,907	2,252,930	13,982,659	5,295,576

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EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRAMS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REONT. (REV - 01)

RATE BASE = 6/30/96

ASG ON REV REQ ALLOC
LEVELIZED ROR @ 10.16%

TABLE 6A - ADJUSTMENTS TO OPERATION AND MAINTENANCE EXPENSES

		TABL	E 6A -		OPERATION AND MAINTER				
					·		OMPAN	Ι Υ	
					HEATING		OFF PEAK		LOUTTHO
					CON SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
		0	т_	Alloc	RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-1
		Out	In	WITOC					
	ADJUSTMENTS TO OPERATION & MA	INTENAN	CE EXPE	NSES					
	INCREASES								
1 8	EECD WAGE INCREASE	OMA1	ADM1	LABOR	0	0	0	0	0
2 E	ECO GROUP INSURANCE	CAMO	AOM3	LABOR	0	0	0	0	0
3 €	ECO EMPLOYEE THRIFT PLAN	OMA4	AOM4	LABOR	0	0	0	0	0
4 F	RECLASS DOMATIONS & CUST DEP	OMA5	AOM5	PEPIS1	0	0	0	0	0
5 4	MORTIZE RATE CASE	OMA6	ADM6	E928	0	0	0	0	0
6 E	UASC WAGE INCREASE	OMA14	AOM14	LABOR	0	0	0	0	0
	EUASC HEALTH INSURANCE	OMA15	AOM15	LABOR	0	0	0	0	0
	EUASC GROUP INSURANCE	OMA16	AOM16	LABOR	0	0	0	0	0
	CAD SYSTEM AMORTIZATION	OMA7	AOM?	PEPIS1	0	0	0	0	0
	SAD DEBT ADJUSTMENT	OMA9	AOM9	CW904	0	0	0	. 0	0
	HAZARDOUS WASTE AMORTIZATION		AOM10	PEPIS1	0	0	0	0	0
	POSTAGE ADJUSTMENT	OMALL	AOH11	ECS	0	0	0	0	0
	EUASC EMPLOYEE THRIFT PLAN	OHA17	AOH17	LABOR	U	0	0	0	0
	DBSOLETE INVENTORY ADJUSTMENT		AOH19	PEPIS1	0	0	•	0	0
	EUASC EQUITY RETURN	OMAZI	A0H21	PGEN	0	0	0	0	Û
	INFLATION ALLOWANCE	OHA22	AOH22	INFLT	Đ	0	. 0	0	0
	FAS 106	OHA23	AOH23	LABOR	0	a	. 0	0	0
	PENSION INCOME CREDIT	OMA24	A0M24	LABOR	Ď	0	D	0	0
19	TOTAL INCREASES	ADDOM			U	v	v	·	v
	DECREASES								
20 E	ECO HEALTH INSURANCE	OMA2	AOM2	LABOR	0	D	0	q	D
21 /	AMORTIZE DEFERRED DEBITS	8AMO	AOMS	CH904	0	0	0	Đ	0
22 1	DIVIDEND REINVESTMENT	OMA12	AOM12	LABOR	0	0	0	0	0
23 (CONSOLIDATED TAX SAVINGS	OMA13	A0M13	RSALE	0	0	0	0	0
24 F	RCS ADMIN EXPENSE	81AMO	ACM18	C33	0	0	0	0	0
25 \	VRI ADJUSTMENT	OMA20	AOMZO	LABOR	a	0	a	0	0
26 €	EUASC PENSION EXPENSE	OMA25	AOM25	LABOR	0	0	В	0	0
27 F	PURCHASED POWER	OMA26	AOM26	E555	0	0	Û	. 0	a
28	TOTAL DECREASES	DEDOM			٥	0	0	0	a
29 1	NET INCREASE TO ORM EXPENSES	NETOH			0	Q	. 0	Ó	0
30 1	FOTAL ADJUSTED ORM EXPENSES	AOME			1,665,576	272,077	559,322	5,542,307	4,178,879

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EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY THELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST

DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC

LEVELIZED ROR @ 10.162

TABLE 7 - DEPRECIATION AND AMORTIZATION EXPENSE

TOTAL TOTA				TABL	.E / - DEP	RECIATION AND AMORT				
DEPRECIATION EXPENSES 1							F O T A L C (•	
DEPRECIATION EXPENSES DUSTON DUST						TOTAL				
DEPRECIATION EXPENSES 1 303-INTANGTBLE PLANT							PATE D-1			
No. Property Pro			Out	Ĭο	Alloc	worm milit	KAIL K 1	RAIL R Z	MAIC K-3	KAIL R-4
TRANSHISSION PLANT		DEPRECIATION EXPENSES								
2 536-LAND & LAND TICHTS	1	303-INTANGIBLE PLANT	DX303	D303	P303	Q	a	٥	٥	•
3 552-STRICT & IMPROVEMENTS DX352 D353 D353 D353 D353 D353 D353 D353 D		TRANSMISSION PLANT				•	•	•	•	
3 552-STRUCT & IMPROVEMENTS DX352 D352 P352 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	350-LAND & LAND RIGHTS	DX350	0350	P350	0	٥	0	в	0
4 353-STATION EQUIPMENT DX353 D353 P353 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3	352-STRUCT & IMPROVEMENTS	DX352	D352	P352	0	0		ň	ů
6 355-POLES & FIXTURES DX355 B355 P355 0 0 0 0 0 0 0 0 0 0 0 7 356-ON COND a DEVICES DX356 B356 P356 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4	353-STATION EQUIPMENT	DX353	D353	P353	Ð	0	-	ň	ů
6 355-POLES & FIXTURES DX355 B355 P355 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5	354-TOWERS & FIXTURES	DX354	0354	P354	a	å	0	ō	
7 556-OH COND & DEVICES DX356 B356 P356 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6	355-POLES & FIXTURES	DX355	D355		0	o o	0	0	_
8 559-ROADS & TRAILS DX559 B359 P359 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7	356-OH COND & DEVICES	DX356	D356	P356	0	9	ů	ñ	ů
DISTRIBUTION PLANT 10 560-LAND & LAND RIGHTS DX560	. 8	359-ROADS & TRAILS	DX359	D359	P359	0	0	•	Õ	n.
10 360-LAND & LAND RIGHTS DX360 D360 P360 0 0 0 0 0 0 0 0 1 361-STRUCT & IMPROVEMENTS DX361 D361 P361 39,326 13,649 1,130 2,166 10 10 2 362-STRUCT & IMPROVEMENTS DX362 D362 P362 610,509 211,896 17,535 33,624 163 13 364-POLES, TOMERSAFIXTURES DX364 D364 P364 1,951,050 688,565 56,982 109,264 529 14 365-OH COND & DEVICES DX365 D365 P365 1,702,175 606,764 50,212 96,283 466 366-POLES, TOMERSAFIXTURES DX366 D366 P366 161,579 57,021 4,719 9,048 444 16 367-UG COND & DEVICES DX367 D367 P367 831,867 293,274 24,270 46,538 225 17 368-LINE TRANSFORMENS DX368 D366 P368 1,728,356 630,389 52,167 100,032 485 100,032 485 100,032 100	9	TOTAL TRANSMISSION PLANT	DXTRAN			0	0	ě	ň	0
11 361-STRUCT 8 IMPROVEMENTS		DISTRIBUTION PLANT					-	-	•	•
11 361-STRUCT & IHPROVERNIS DX361 D361 P361 D362 P362 611,509 211,896 1,130 2,166 163 18 262-STATION EQUIPMENT DX362 DX364 D364 P364 1,951,050 688,565 56,982 199,264 529 14 365-OH COND & DEVICES DX364 D364 P365 1,702,175 606,764 50,212 96,283 466 15 366-UNDERGROUND CONDUIT DX366 D366 P366 161,579 57,021 4,719 9,068 466 163 57-UG COND & DEVICES DX367 D367 P367 831,867 293,274 24,270 46,538 225 17 368-LINE TRANSFORMERS DX368 D368 P368 1,728,356 630,389 52,167 100,032 485 18 369-SERVICES DX367 D367 P369 D369 P369 633,862 488,429 51,241 12,379 113 19 370-HETERS DX368 D367 P370 D370 D370 D370 D370 D370 D370 D370 D	10	360-LAND & LAND RIGHTS	DX360	D360	P360	0	0	0		n
12 362-STATION EQUIPMENT DX362 B362 P362 610,509 211,896 17,535 33,624 163 364-POLES,TOMERSAFIXTURES DX364 D364 P364 1,951,050 688,565 56,982 109,264 529 18365 1365-CM COND a DEVICES DX365 B365 B365 B365 B365 B365 B365 B366 B366	11	361-STRUCT & IMPROVEMENTS	DX361	D361	P361	39,326	13.649		•	-
13 364-PDLES, TOWERSAFIXTURES DX364 0364 P365 1,951,050 688,565 56,982 109,264 529 14 365-ON COND & DEVICES DX365 D365 P366 1,702,175 606,764 50,212 96,283 466 13 366-UNDERGROUND CONDUIT DX366 0366 P366 161,579 57,021 4,719 9,048 44 16 367-UG COND & DEVICES DX367 D367 P367 831,867 293,274 24,270 46,538 225 17 368-LINE TRANSFORMERS DX368 D368 P368 1,728,356 630,389 52,167 100,032 485 18 369-SERVICES DX369 D369 P369 633,862 488,429 51,241 12,379 113 19 370-METERS DX370 B370 P370 363,852 122,695 15,295 9,214 424 20 371-INSTALL ON CUST PREM DX371 B371 P371 0 0 0 0 0 0 0 0 21 372-LEASED PROP DN CUST PREM DX372 B372 P372 0 0 0 0 0 0 0 0 22 373-ST LGHT & SIGNAL SYST DX373 B373 P373 743,183 0 0 0 0 0 0 0 23 370-STRUCT & IMPROVENENTS DX390 B389 P389 0 0 0 0 0 0 0 0 24 389-STRUCT & IMPROVENENTS DX390 B390 P390 P390 774,717 313,729 30,455 33,678 289 26 391-OFFICE FURN & EQUIP DX391 D391 P391 43,186 17,489 1,698 1,877 16 27 392-TRANSPORTATION EQUIP DX394 B394 P394 22,073 8,939 868 960 8 30 395-LABORATORY EQUIPMENT DX393 B395 P395 6,313 2,337 207 311 2 29 394-TIOUS, SHOPBGRARAGE EQUIP DX394 B394 P394 22,073 8,939 868 960 8 30 395-LABORATORY EQUIPMENT DX397 B396 P396 0 0 0 0 0 0 32 397-COMMUNICATIONS EQUIPMENT DX399 B399 P399 14,145 4,770 595 358 16 33 396-POWER OPERATORY EQUIPMENT DX398 B398 P399 16,780 6,795 660 729 6 34 399-OTHER TANGIBLE PROPERTY DX393 B398 P399 16,780 6,795 660 729 6 35 101AL DEPRECIATION EQUIPMENT DX398 B398 P399 16,780 6,795 660 729 6 35 101AL DEPRECIATION EQUIPMENT DX398 B399 P399 16,780 6,795 660 729 6 35 101AL DEPRECIATION EQUIPMENT DX398 B398 P399 16,780 6,795 660 729 6 35 101AL DEPRECIATION EQUIPMENT DX398 B399 P399 16,780 6,795 660 729 6 35 101AL DEPRECIATION EQUIPMENT DX398 B399 P399 P397,798 3,649,124 350,633 39,243 350	12	362-STATION EQUIPMENT	DX362	0362	P362	610,509	211.896	•		
14 365-OH COND & DEVICES DX365 D365 P365 1,702,175 606,764 50,212 96,283 466 15 366-UNDERGROUND CONDUIT DX366 D366 P366 161,579 57,021 4,719 9,048 44 16 367-UG COMD & DEVICES DX367 D367 P367 831,867 293,274 24,270 46,538 225 17 368-LINE TRANSFORMERS DX368 D368 P368 1,728,356 630,389 52,167 100,032 485 18 369-SERVICES DX367 D369 P369 633,862 488,429 51,241 12,379 113 369-SERVICES DX367 D370 P370 363,852 122,693 15,295 9,214 424 12,379 113 370-METERS DX372 D372 P370 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13	364-POLES, TOWERSAFIXTURES	DX364	0364	P364	1,951,050			-	
15 366-UNDECREQUIND CONDUIT	14	365-OH COND & DEVICES	DX365	D365	P365	1,702,175	-		-	
16 367-UG COMD & DEVICES DX367 DX368 DX369 DX370	15	366-UNDERGROUND CONDUIT	DX366	D366	P366	161,579	·			
17 368-LINE TRANSFORMERS DX368 D368 P368 P368 1,728,356 630,389 52,167 100,032 485 369-SERVICES DX369 D369 P369 633,862 488,429 51,241 12,379 113 1370-HETERS DX370 DX370 D370 P370 363,852 122,693 115,295 9,214 424 22 20 371-INSTALL ON CUST PREM DX371 D371 P371 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16	367-UG COMD & DEVICES	DX367	D367	P367	831,867	293,274			
18 369-SERVICES	17	368-LINE TRANSFORMERS	DX368	D368	P368	1,728,356	630,389		-	
19 370-HETERS	18	369-SERVICES	DX369	D369	P369	633,862	488,429		-	
21 372-LEASED PROP ON CUST PREM DX372 B372 P372 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	19	370-METERS	DX370	B370	P370	363,852	122,693		-	
22 373-ST LGHT & SIGNAL SYST DX373 D373 P373 743,183 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20	371-INSTALL ON CUST PREM	DX371	D371	P371	0	0	0	0	0
TOTAL DISTRIBUTION PLANT DXDIST 8,765,759 3,112,680 273,549 418,549 2,461 GENERAL PLANT 24 389-LAND & LAND RIGHTS DX389 D389 P389 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21	372-LEASED PROP ON CUST PREM	DX372	0372	P372	0	6	0	0	0
GENERAL PLANT 24 389-LAND & LAND RIGHTS DX389 D389 P389 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22	373-ST LGHT & SIGNAL SYST	DX373	D373	P373	743,183	0	0	0	0
GENERAL PLANT 24 389-LAND & LAND RIGHTS DX389 D389 P389 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23	TOTAL DISTRIBUTION PLANT	TRICKE			8,765,759	3,112,680	273,549	418,549	2,461
25 390-STRUCT & IMPROVEMENTS DX390 D390 P390 774,717 313,729 30,455 33,678 289 26 391-OFFICE FURN & EQUIP DX391 D391 P391 43,186 17,489 1,698 1,877 16 27 392-TRANSPORTATION EQUIP DX392 D392 P392 0 0 0 0 0 0 0 28 393-STORES EQUIPMENT DX393 D393 P393 6,313 2,337 207 311 2 29 394-TODLS,SHOP&GARAGE EQUIP DX394 D394 P394 22,073 8,939 868 960 8 30 395-LABORATORY EQUIPMENT DX395 D395 P395 14,145 4,770 595 358 16 31 396-POMER OPERATED EQUIPMENT DX395 D396 P396 0 0 0 0 0 0 32 397-COMMUNICATIONS EQUIPMENT DX397 D397 P397 30,584 12,385 1,202 1,330 11 33 398-MISCELLANEOUS EQUIPMENT DX398 D398 P398 16,780 6,795 660 729 6 34 399-OTHER TANGIBLE PROPERTY DX399 D399 P399 0 0 0 0 0 0 35 TOTAL GENERAL PLANT DXGEN 907,798 366,444 35,683 39,243 350 36 TOTAL DEPRECIATION EXPENSES DX403 9,673,557 3,479,124 309,233 457,791 2,811		GÉNERAL PLANT							-	-
26 391-OFFICE FURN & EQUIP BX391 D391 P391 43,186 17,489 1,698 1,877 16 27 392-TRANSPORTATION EQUIP DX392 D392 P392 0 0 0 0 0 0 0 28 393-STORES EQUIPMENT DX393 D395 P393 6,313 2,337 207 311 2 29 394-TODLS, SHOPBEARAGE EQUIP DX394 D394 P394 22,073 8,939 868 960 8 30 395-LABORATORY EQUIPMENT DX395 D395 P395 14,145 4,770 595 358 16 31 396-POMER OPERATED EQUIPMENT DX396 D396 P396 0 0 0 0 0 0 0 32 397-COMMUNICATIONS EQUIPMENT DX396 D396 P396 10,584 12,385 1,202 1,330 11 33 398-MISCELLANEOUS EQUIPMENT DX398 D398 P398 16,780 6,795 660 729 6 34 399-OTHER TANGIBLE PROPERTY DX399 D399 P399 0 0 0 0 0 0 35 TOTAL GENERAL PLANT DXGEN 907,798 366,444 35,683 39,243 350 36 TOTAL DEPRECIATION EXPENSES DX403 9,673,557 3,479,124 309,233 457,791 2,811	24	389-LAND & LAND RIGHTS	DX389	0389	P389	O O	0	0	0	0
27 392-TRANSPORTATION EQUIP	25	390-STRUCT & IMPROVEMENTS	DX390	D390	P390	774,717	313,729	30,455	33,678	289
28 393-STORES EQUIPMENT DX393 U393 P393 6,313 2,337 207 311 2 29 394-TODLS, SHOP&GARAGE EQUIP DX394 U394 P394 22,073 8,939 868 960 8 30 395-LABORATORY EQUIPMENT DX395 U395 P395 14,145 4,770 595 358 16 31 396-POMER OPERATED EQUIPMENT DX396 U396 P396 0 0 0 0 0 0 0 32 397-COMMUNICATIONS EQUIPMENT DX397 U397 P397 30,584 12,385 1,202 1,330 11 33 398-MISCELLANEOUS EQUIPMENT DX398 U398 P398 16,780 6,795 660 729 6 34 399-OTHER TANGIBLE PROPERTY DX399 U399 P399 0 0 0 0 0 0 0 35 TOTAL GENERAL PLANT DXGEN 907,798 366,444 35,683 39,243 350 36 TOTAL DEPRECIATION EXPENSES DX403 9,673,557 3,479,124 309,233 457,791 2,811	26	391-OFFICE FURN & EQUIP	DX391	D3 9 1	P391	43,186	17,489	1,698	1,877	16
29 394-TODLS, SHOPBEARAGE EQUIP DX394 B394 P394 22,073 8,939 868 960 8 30 395-LABORATORY EQUIPMENT DX395 B395 P395 14,145 4,770 595 358 16 31 396-POMER OPERATED EQUIPMENT DX396 B396 P396 0 0 0 0 0 0 32 397-COMMUNICATIONS EQUIPMENT DX397 B397 P397 30,584 12,385 1,202 1,330 11 33 398-MISCELLANEOUS EQUIPMENT DX398 B398 P398 16,780 6,795 660 729 6 34 399-OTHER TANGIBLE PROPERTY DX399 D399 P399 0 0 0 0 0 0 35 TOTAL GENERAL PLANT DXGEN 907,798 366,444 35,683 39,243 350 36 TOTAL DEPRECIATION EXPENSES DX403 9,673,557 3,479,124 309,233 457,791 2,811	27	392-TRANSPORTATION EQUIP	DX392	039 2	P392	q	0	0	Đ	p
30 395-LABORATORY EQUIPMENT DX395 D395 P395 14,145 4,770 595 358 16 31 396-POMER OPERATED EQUIPMENT DX396 D396 P396 0 0 0 0 0 0 32 397-COMMUNICATIONS EQUIPMENT DX397 D397 P397 30,584 12,385 1,202 1,330 11 33 398-MISCELLANEOUS EQUIPMENT DX398 D398 P398 16,780 6,795 660 729 6 34 399-OTHER TANGIBLE PROPERTY DX399 D399 P399 0 0 0 0 0 0 35 TOTAL GENERAL PLANT DXGEN 907,798 366,444 35,683 39,243 350 36 TOTAL DEPRECIATION EXPENSES DX403 9,673,557 3,479,124 309,233 457,791 2,811	28	393-STORES EQUIPMENT	DX393	#393	P393	6,313	2,337	207	311	2
31 396-POMER DPERATED EQUIPMENT DX396 D396 P396 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	29				P3 94	22,073	8,939	868	960	8
32 397-COMMUNICATIONS EQUIPMENT DX397 D397 P397 30,584 12,385 1,202 1,330 11 33 398-MISCELLANEOUS EQUIPMENT DX398 D398 P398 16,780 6,795 660 729 6 34 399-OTHER TANGIBLE PROPERTY DX399 D399 P399 0 0 0 0 0 0 35 TOTAL GENERAL PLANT DXGEN 907,798 366,444 35,683 39,243 350 36 TOTAL DEPRECIATION EXPENSES DX403 9,673,557 3,479,124 309,233 457,791 2,811	30			D39 5	P395	14,145	4,770	595	358	16
33 398-MISCELLANEOUS EQUIPMENT DX398 D398 P398 16,780 6,795 660 729 6 34 399-OTHER TANGIBLE PROPERTY DX399 D399 P399 0 0 0 0 0 35 TOTAL GENERAL PLANT DXGEN 907,798 366,444 35,683 39,243 350 36 TOTAL DEPRECIATION EXPENSES DX403 9,673,557 3,479,124 309,233 457,791 2,811	31			D396	P396	0	0	0	0	0
34 399-OTHER TANGIBLE PROPERTY DX399 D399 P399 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					P397	30,584	•	1,202	1,330	11
35 TOTAL GENERAL PLANT DXGEN 907,798 366,444 35,683 39,243 350 36 TOTAL DEPRECIATION EXPENSES DX403 9,673,557 3,479,124 309,233 457,791 2,811					P398	16,780	6,795	660	729	6
36 TOTAL DEPRECIATION EXPENSES DX403 9,673,557 3,479,124 309,233 457,791 2,811		-		D399	P399	0	0	0	0	0
77 AD MAT CON MEU BERRE BARR BARR BARR						-	366,444	35,683	39,243	350
37 ADJUST FOR NEW DEPREC RATES DXADJ DAADJ DX403 0 a a a a						• •	3,479,124	309,233	457,791	2,811
				DADJ	DX403		0	O	0	0
38 ADJUSTED DEPRECIATION EXPENSE ADX403 9,673,557 3,479,124 309,233 457,791 2,811	38	ADJUSTED DEPRECIATION EXPENSE	ADX403			9,673,557	3,479,124	309,233	457,791	2,811

Run# 5404 PAGE 15- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUME 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REQNT. (REV - 01)

RATE BASE = 6/30/96

ABG ON REV REQ ALLOC
LEVELIZED ROR & 10.16%

TABLE 7 - DEPRECIATION AND AMORTIZATION EXPENSE

Second				IABLI	E 7 - DEP	RECIATION AND A			0 M P A N	V	
DEPRECIATION EXPENSES 1 305-INTANCIBLE PLANT X2303 D303 P305 P305 D305 P305 D305 P305 D305 P305 D305 P305						SM CEN SUC	MIL GEN . SVC			PRI GEN SVC	TOU
DEPRECIATION EXPENSES 1 305-INTANCIBLE PLANT DX503 D505 D505 D505 D505 D506							•				
DEPRECIATION EXPENSES 1303-INTANCIBLE PLANT 0X305 0X30			Out	To.	Alloc	KAIC G I	RAIL 0 L	14.70			
1 303-INITAMOEIBE PLANT		DEODECTATION EXDENSES	Duc		H1100						
TRANSHISSION PLANT 2 350-LAND RIGHTS DX550 DX550	•		DYZAZ	0303	P303	O	0	0	0	0	0
2 SG-LAND & LAND RIGHTS DX350 DX550 P350 P350 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•		B.K.303	5545	, 5-5	•					
352-STRUCT & IMPROVEMENTS DXSSE D355	,		DX350	D358	P350	q	0	0	0	0	0
353-STATION EQUIPMENT DX353 D353 D353 D353 D353 D353 D353 D353 D353 D354 D354 D354 D354 D354 D354 D355 D356 D35	_	:				0	0	ū	0	0	0
STA-TOMERS & FIXTURES DX355 DX555 D355 P3555 0 0 0 0 0 0 0 0 0	_					ā	Ó	ß	0	0	0
S35-POLIES & FIXTURES DX355 D355 P355 0 0 0 0 0 0 0 0 0	-					10	0	0	0	0	0
Total Principle Total Prin						. 1	Ö	0	0	0	Û
S SSP-ROLDES & TRAILS DX359 D359 P359 D D D D D D D D D	_	•••				ē	Ō	0	0	0	0
TOTAL TRANSHISSION PLANT DXTRAN						Ċ	a	0	0	0	0
DISTRIBUTION PLANT 10 360 - LAND & LAND RIGHTS DX360 D360 P360 0 0 0 0 0 0 0 0 0	_					0	o	0	0	0	0
10 360-LAND & LAND RIGHTS DX360 D361 P361 0	•										
11 36-STRUCT & IMPROVEMENTS DX361 D361 P361 1,692 11,848 3,558 453 2,507 652 12 362-STATION EQUIPMENT DX362 D362 P362 26,261 183,938 55,238 7,028 35,812 10,126 13 364-POLES, TOMERS&FIXTURES DX364 D364 P364 85,338 65,388 7,028 35,812 10,126 14 365-OH COND & DEVICES DX365 D365 P365 P365 75,200 528,263 158,489 12,827 67,244 28,997 15 366-UNDERGROUND CONDUIT DX366 D366 P366 P366 7,067 49,546 14,864 1,430 7,669 2,725 16 367-UG COND & DEVICES DX365 D365 P366 P366 P366 P366 P366 P366 P366 P	10		DX360	0360	P360	0	0	0	0	0	0
12 S62-STATION EQUIPMENT DX362 D362 P362 26,261 183,938 55,238 7,028 35,812 10,126 13 364-POLES, TONERSEFIXTURES DX364 D364 P364 85,338 598,661 179,654 17,566 91,407 32,906 14 365-OH COND & DEVICES DX365 D365 P365 75,200 528,263 158,489 12,827 67,244 28,999 15 366-UNDERGROUND CONDUIT DX366 D366 P366 7,067 49,546 14,864 1,430 7,669 2,725 16 367-UG COND & DEVICES DX367 D367 D367 P367 36,347 254,797 77,484 7,350 38,454 14,015 17 368-LIME TRANSFORMERS DX368 D368 P368 78,128 551,574 192,287 761 18,954 30,126 18 369-SERVICES DX370 D370 P370 47,263 25,160 243 4,339 4,611 894 19 370-HETERS DX370 D370 P370 43,582 66,477 1,085 5,022 4,875 886 20 371-INSTALL ON CUST PREN DX371 D371 P371 0 0 0 0 0 0 0 0 0 0 21 372-LEASED PROP ON CUST PREN DX372 D372 P372 0 0 0 0 0 0 0 0 0 0 22 373-ST LOHT & SIGNAL SYST DX373 D373 P373 0 0 0 0 0 0 0 0 0 0 23 TOTAL DISTRIBUTION PLANT DXDIST 400,877 2,270,264 682,901 56,778 271,333 120,518 26 391-OFFICE FURN & EQUIP DX391 D391 P390 62,135 171,700 43,752 5,411 21,727 8,085 26 391-OFFICE FURN & EQUIP DX391 D391 P390 62,135 171,700 43,752 5,411 21,727 8,085 27 392-TRANSPORTATION EQUIP DX391 D391 P391 3,464 9,571 2,439 302 1,211 451 27 392-TRANSPORTATION EQUIP DX393 D393 P393 308 1,888 499 46 213 89 29 394-TOOLS, SHORBAGARABE EQUIP DX393 D395 P395 1,694 2,584 42 195 190 34 31 396-POWEN CHENTI DX395 D395 P397 P397 2,453 6,778 1,727 214 858 319 33 398-HISCELLANDOUS EQUIPMENT DX399 D396 P397 2,453 6,778 1,727 214 858 319 33 398-HISCELLANDOUS EQUIPMENT DX395 D397 P397 2,453 6,778 1,727 214 858 319 33 398-HISCELLANDOUS EQUIPMENT DX399 D398 P398 6,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						1.692	11.848	3,558	453	2,307	652
13 364-POLES, TOWERSEFIXTURES DX364 D364 P364 85,338 598,661 179,654 17,568 91,407 32,906 14 365-OH COND & DEVICES DX365 D365 P365 75,200 528,263 158,489 12,827 67,244 28,997 15 366-UNDERGROUND CONDUIT DX366 D366 P366 7,067 49,546 14,864 1,430 7,669 2,725 17 363-UNDERGROUND CONDUIT DX366 D366 P366 7,067 49,546 14,864 1,430 7,669 2,725 17 368-LIME TRANSFORMERS DX367 D367 P367 36,347 254,797 77,484 7,350 38,454 14,015 18 369-SERVICES DX368 D368 P368 P368 P368 78,128 551,574 192,287 761 18,954 30,126 18 369-SERVICES DX370 D370 D370 P370 43,582 66,477 1,085 5,022 4,875 886 19 371-INSTALL ON CUST PREM DX371 D371 D371 D371 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0									7,028	35,812	10,126
14 365-OH COND & DEVICES DX365 D365 D365 P365 75,200 528,263 158,489 12,827 67,244 28,997 15 366-UNDERGROUND CONDUIT DX366 D366 P366 7,667 49,546 14,864 1,430 7,669 2,725 16 367-UG COND & DEVICES DX367 D367 D367 P367 36,347 254,797 77,484 7,350 38,454 14,015 17 368-LINE TRANSFORMERS DX368 D368 P368 78,128 551,574 192,287 761 18,954 30,126 18 369-SERVICES DX369 D369 P369 47,263 25,160 243 4,339 4,611 84 19 370-METERS DX370 D370 D370 P370 43,582 66,477 1,085 5,022 4,875 886 20 371-INSTALL ON CUST PREN DX371 D371 P371 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						-	•	-			32,906
15 366-UNDERGROUND CONDUIT DX366 D366 P366 P366 7,067 49,546 14,864 1,430 7,669 2,725 16 367-UG COND & DEVICES DX367 D367 P367 36,347 256,797 77,484 7,550 38,454 14,015 17 368-LINE TRANSFORMERS DX368 D368 P368 78,128 551,574 192,287 761 18,954 30,126 18 369-SERVICES DX368 DX368 D369 P369 47,263 25,160 243 4,339 4,611 84 19 370-METERS DX369 D369 P369 47,263 25,160 243 4,339 4,611 84 19 370-METERS DX370 D370 P370 43,582 66,477 1,085 5,022 4,875 886 20 371-INSTALL ON CUST PREN DX371 D371 P371 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		*				•			•	67,244	28,997
16 367-UG CDND & DEVICES DX367 D367 P367 36,347 254,797 77,484 7,350 38,454 14,015 17 368-LINE TRANSFORHERS DX368 D368 P368 78,128 551,574 192,287 761 18,954 30,126 18 369-SERVICES DX369 D369 P369 47,263 25,160 243 4,339 4,611 84 18 369-SERVICES DX370 D370 D370 43,582 66,477 1,085 5,022 4,611 84 20 371-INSTALL ON CUST PREN DX371 D371 P371 0								•		7,669	2,725
17 368-LIME TRANSFORMERS DX368 D368 P368 78,128 551,574 192,287 761 18,954 30,126 18 369-SERVICES DX369 D369 P369 47,263 25,160 243 4,339 4,611 84 19 370-METERS DX370 D370 P370 43,582 66,477 1,085 5,022 4,875 886 20 371-INSTALL ON CUST PREN DX371 D371 P371 0 0 0 0 0 0 0 0 0 0 21 372-LEASED PROP ON CUST PREN DX372 D372 P372 0 0 0 0 0 0 0 0 0 0 22 373-ST LGHT & SIGNAL SYST DX373 D373 P373 0 0 0 0 0 0 0 0 0 0 23 TOTAL DISTRIBUTION PLANT DXDIST 400,877 2,270,264 682,901 56,778 271,333 120,518 GENERAL PLANT 24 389-LAND & LAND RIGHTS DX390 D390 P390 62,135 171,700 43,752 5,411 21,727 8,085 25 390-STRUCT & IMPROVEMENTS DX391 D391 P391 3,464 9,571 2,439 302 1,211 451 27 392-TRANSPORTATION EQUIP DX391 D391 P392 0 0 0 0 0 0 0 0 28 393-STORES EQUIPHENT DX395 D395 P393 308 1,688 499 46 213 89 29 394-TOOLS, SHOPAGARAGE EQUIP DX394 D394 P394 1,770 4,892 1,247 154 619 230 30 395-LABORATORY EQUIPHENT DX395 D395 P395 1,694 2,584 42 195 190 34 35 396-POWER OPERATED EQUIPHENT DX397 D397 P397 2,453 6,778 1,727 214 858 319 35 398-MISCELLANEOUS EQUIPHENT DX397 D397 P397 2,453 6,778 1,727 214 858 319						•	-	77,484	7,350	38,454	14,015
18 369-SERVICES DX369 D369 P369 47,263 25,160 243 4,339 4,611 84 19 370-METERS DX370 D370 P370 43,582 66,477 1,085 5,022 4,875 886 20 371-INSTALL ON CUST PREN DX371 D371 P371 0<							-	•	761	18,954	30,126
19 370-METERS DX370 D370 P370 43,582 66,477 1,085 5,022 4,875 886 20 371-INSTALL ON CUST PREM DX371 D371 P371 0 0 0 0 0 0 0 0 21 372-LEASED PROP ON CUST PREM DX372 D372 P372 0 0 0 0 0 0 0 0 22 373-ST LGHT & SIGNAL SYST DX373 D373 P373 0 0 0 0 0 0 0 0 0 0 23 TOTAL DISTRIBUTION PLANT DXDIST									4,339	4,611	84
20 371-INSTALL ON CUST PREN DX371 D371 P371 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		- -				-	-	1,085	5,022	4,875	886
21 372-LEASED PROP ON CUST PREN BX372 D372 P372 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				D371	P371	· a	•	0	0	0	0
22 373-ST LGHT & SIGNAL SYST DX373 D373 D373 P373 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					P372	0	0	0	0	0	0
23 TOTAL DISTRIBUTION PLANT DXDIST 400,877 2,270,264 682,901 56,778 271,333 120,518 GENERAL PLANT 24 389-LAND & LAND RIGHTS DX389 D389 P389 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						0	0	O.	Ó	0	0
GENERAL PLANT 24 389-LAND & LAND RIGHTS DX389 D389 P389 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						400,877	2,270,264	682,901	56,778	271,333	120,518
24 389-LAND & LAND RIGHTS DX389 D389 P389 P389 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						•	-				
25 390-STRUCT & IMPROVEMENTS DX390 D390 P390 62,135 171,700 43,752 5,411 21,727 8,085 26 391-OFFICE FURN & EQUIP DX391 D391 P391 3,464 9,571 2,439 302 1,211 451 27 392-TRANSPORTATION EQUIP DX392 D392 P392 D 0 0 0 0 0 0 0 0 28 393-STORES EQUIPMENT DX393 D393 P393 308 1,688 499 46 213 89 29 394-TOOLS, SHOP&GARAGE EQUIP DX394 D394 P394 1,770 4,892 1,247 154 619 230 30 395-LABORATORY EQUIPMENT DX395 D395 P395 1,694 2,584 42 195 190 34 31 396-POMER OPERATED EQUIPMENT DX396 D396 P396 0 0 0 0 0 0 0 0 32 397-COMMUNICATIONS EQUIPMENT DX397 D397 P397 2,453 6,778 1,727 214 858 519 33 398-MISCELLANEOUS EQUIPMENT DX398 D398 D398 1,346 3,719 948 117 471 175	24		DX389	D389	P389	0	0	0	0	0	0
26 391-OFFICE FURN & EQUIP DX391 D391 P391 S,464 9,571 2,439 302 1,211 451 27 392-TRANSPORTATION EQUIP DX392 D392 P392 D 0 0 0 0 0 0 0 28 393-STORES EQUIPMENT DX393 D393 P393 308 1,688 499 46 213 89 29 394-TOOLS,SHOP&GARAGE EQUIP DX394 D394 P394 1,770 4,892 1,247 154 619 230 30 395-LABORATORY EQUIPMENT DX395 D395 P395 1,694 2,584 42 195 190 34 31 396-POMER OPERATED EQUIPMENT DX396 D396 P396 0 0 0 0 0 0 0 0 32 397-COMMUNICATIONS EQUIPMENT DX397 D397 P397 2,453 6,778 1,727 214 858 319 33 398-MISCELLANEOUS EQUIPMENT DX398 D398 D398 1,346 3,719 948 117 471 175	25		DX390	D390	P390	62,135	171,700	43,752	5,411	21,727	8,085
28 393-STORES EQUIPMENT DX393 D393 P393 308 1,688 499 46 213 89 29 394-TOOLS, SHOPAGARAGE EQUIP DX394 D394 P394 1,770 4,892 1,247 154 619 230 395-LABORATORY EQUIPMENT DX395 D395 P395 1,694 2,584 42 195 190 34 31 396-POMER OPERATED EQUIPMENT DX396 D396 P396 0 0 0 0 0 0 0 32 397-COMMUNICATIONS EQUIPMENT DX397 D397 P397 2,453 6,778 1,727 214 858 319 33 398-MISCELLANEOUS EQUIPMENT DX398 D398 D398 1,346 3,719 948 117 471 175	26		DX391	D391	P391	3,464	9,571	2,439	302	1,211	451
29 394-TOOLS, SHOP&GARAGE EQUIP DX394 D394 P394 1,770 4,892 1,247 154 619 230 395-LABORATORY EQUIPMENT DX395 D395 P395 1,694 2,584 42 195 190 34 31 396-POMER OPERATED EQUIPMENT DX396 D396 P396 0 0 0 0 0 0 0 32 397-COMMUNICATIONS EQUIPMENT DX397 D397 P397 2,453 6,778 1,727 214 858 319 33 398-MISCELLANEOUS EQUIPMENT DX398 D398 D398 1,346 3,719 948 117 471 175	27	392-TRANSPORTATION EQUIP	DX392	D392	₽392	0	0	0	0	0	0
30 395-LABORATORY EQUIPMENT DX395 D395 P395 1,694 2,584 42 195 190 34 31 396-POMER OPERATED EQUIPMENT DX396 D396 P396 0 0 0 0 0 0 32 397-COMMUNICATIONS EQUIPMENT DX397 D397 P397 2,453 6,778 1,727 214 858 319 33 398-MISCELLANEOUS EQUIPMENT DX398 D398 D398 1,346 3,719 948 117 471 175	28	393-STORES EQUIPMENT	DX393	D393	P393	308	1,688	499	46	213	89
\$1 396-POWER OPERATED EQUIPMENT DX396 D396 P396 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	29	394-TOOLS, SHOP&GARAGE EQUIP	DX394	D394	P394	1,770	4,892	1,247	154	619	230
32 397-COMMUNICATIONS EQUIPMENT DX397 D397 P397 2,453 6,778 1,727 214 858 319 33 398-MISCELLANEOUS EQUIPMENT DX398 D398 D398 D398 1,346 3,719 948 117 471 175	30	395-LABORATORY EQUIPMENT	DX395	D395	P395	1,694	2,584	42	195	190	34
33 398-MISCELLANEOUS EQUIPMENT DX398 D398 P398 1,346 3,719 948 117 471 175	31	396-POWER OPERATED EQUIPMENT	DX396	D396	P396	0	0	0	0	0	0
TO DAY INTEGRALIES PROPERTY SHOWS AND	32	397-COMMUNICATIONS EQUIPMENT	DX397	D397	P397	2,453	6,778	1,727	214	858	319
34 399-0THER TANGIBLE PROPERTY 0X399 0399 P399 0 0 0 0 0 0	33	398-MISCELLANEOUS EQUIPMENT	DX398	D398	P398	1,346	3,719	948	117	471	175
	34	399-OTHER TANGIBLE PROPERTY	DX399	D399	P3 99	•		0	0	0	0
35 TOTAL GENERAL PLANT DXGEN 73,170 200,932 50,654 6,439 25,287 9,384						73,170	200,932	50,654	6,439	25,287	9,384
36 TOTAL DEPRECIATION EXPENSES DX403 474,048 2,471,196 733,555 63,217 296,620 129,902	36	TOTAL DEPRECIATION EXPENSES	DX403			474,048	2,471,196	733,555	63,217	2 96 ,620	129,902
37 ADJUST FOR NEW DEPREC RATES DXADJ DADJ DX403 0 0 0 0 0 0	37	ADJUST FOR NEW DEPREC RATES	LďAXŒ	DADJ	DX403	Q	0	Ò	0	0	0
38 ADJUSTED DEPRECIATION EXPENSE ADX403 474,048 2,471,196 733,555 63,217 296,620 129,902	38	ADJUSTED DEPRECIATION EXPENSE	ADX403			474,048	2,471,1 9 6	733,555	63,217	296 ,620	129,902

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Run# 5404 PAGE 15- 3

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY THELVE MONTHS ENDING JUNE 30, 1996 H.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

AAG ON REV REQ ALLOC
LEVELIZED ROR @ 10.16%

TABLE 7 - DEPRECIATION AND AMORTIZATION EXPENSE

					Т О	TALC	0 M P A	N Y	
					HEATING	SERVICE	OFF PEAK		
					COM SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
					RATE H-1	RATE H-2	RATE A-6	RATE ₩-1	RATE S-1
		Out	In	Alloc					
	DEPRECIATION EXPENSES								
1	303-INTANGIBLE PLANT	DX303	D303	P303	0	0	0	0	0
	TRANSMISSION PLANT								
2	350-LAND & LAND RIGHTS	DX350	D350	P350	0	0	0	0	0
3		DX352	D352	P352	0	0	0	0	0
4		DX353	D353	P353	0	0	0	0	D
5	354-TOWERS & FIXTURES	DX354	D354	P354	0	0	0	0	0
6	355-POLES & FIXTURES	DX355	D355	P355	Q.	0	0	0	0
7	356-OH COND & DEVICES	DX356	0356	P356	0	0	0	Ó	0
8	359-ROADS & TRAILS	DX359	D359	P359	0	0	0	0	0
9	TOTAL TRANSMISSION PLANT	DXTRAN			0	0	0	Đ	0
	DISTRIBUTION PLANT								
10	360-LAND & LAND RIGHTS	DX360	D360	P360	0	0	0	0	0
11	361-STRUCT & IMPROVEMENTS	DX361	D361	P361	551	71	322	503	414
12	362-STATION EQUIPMENT	DX362	D362	P362	8,552	1,101	5,002	7,810	6,421
13	364-POLES, TOWERS&FIXTURES	DX364	D364	P364	27,789	3,576	12,567	25,379	20,864
14	365-OH COND & DEVICES	DX365	D365	P365	24,488	3,151	9,041	22,364	18,386
15	366-UNDERGROUND COMBUIT	DX366	D366	P366	2,301	296	1,018	2,102	1,728
16	367-UG COMD & DEVICES	DX367	D367	P367	11,836	1,523	6,059	10,810	8,887
17	368-LINE TRANSFORMERS	DX368	D368	P368	25,441	3,274	2,402	23,235	19,102
18	369-SERVICES	DX369	D369	P369	0	0	0	a	0
19	370-METERS	DX378	D370	P370	861	1,273	148	92,019	0
20	371-INSTALL ON CUST PREM	DX371	D371	P371	0	0	0	0	0
21	372-LEASED PROP ON CUST PREM	DX372	D372	P372	0	0	0	0	0
22	373-ST LGHT & SIGNAL SYST	DX373	D373	P373	0	0	0	0	743,183
23	TOTAL DISTRIBUTION PLANT	DXDIST			101,818	14,266	36,558	184,223	818,983
	GENERAL PLANT								
24	389-LAND & LAND RIGHTS	DX389	D389	P389	0	0	0	0	0
25	390-STRUCT & IMPROVEMENTS	DX390	D390	P390	6,846	1,244	2,815	36,220	36,632
26	391-OFFICE FURN & EQUIP	DX391	D391	P391	382	69	157	2,019	2,042
27	392-TRANSPORTATION EQUIP	DX392	D392	P392	0	0	0	0	0
28	393-STORES EQUIPMENT	DX393	D393	P393	75	11	29	160	339
29	394-TOOLS,SHOP&GARAGE EQUIP	DX394	D394	P394	195	35	80	1,032	1,044
30	395~LABORATORY EQUIPMENT	DX395	D395	P395	33	49	6	3,577	0
31	396-POWER OPERATED EQUIPMENT	DX396	D396	P396	0	0	a	0	0
32	397-COMMUNICATIONS EQUIPMENT	DX397	D397	P397	270	49	111	1,430	1,446
33	398-MISCELLANEOUS EQUIPMENT	DX398	D398	P398	148	27	61	. 784	793
34	399-OTHER TANGIBLE PROPERTY	DX399	D399	P399	0	0	0	D	0
35	TOTAL GENERAL PLANT	DXGEN			7,950	1,486	3,258	45,222	42,296
36	TOTAL DEPRECIATION EXPENSES	DX403			109,767	15,751	39,817	229,445	861,279
37	ADJUST FOR NEW DEPREC RATES	DXADJ	DADJ	DX403	0	0	0	0	0
38	ADJUSTED DEPRECIATION EXPENSE	ADX403			109,767	15,751	39,817	229,445	861,279

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Run# 5404 PAGE 16- 1

EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
THELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST

DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC
LEVELIZED ROR @ 10.16%

TABLE 8 - TAXES OTHER THAN INCOME TAXES

				TABLE D	TAKES UINEK IMAN			Y	
								SERVICE	
					TOTAL		SSI	SPACE HT	TOU
					COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
		Out	In	Alloc					
	TAXES OTHER THAN INCOME								
	FEDERAL								
1	F.I.C.A. TAXES	1XATO	TAX1	LABOR	547,001	221,513	21,503	23,779	204
2	UNEMPLOYMENT COMPENSAT	OTAX2	TAX2	LABOR	13,967	5,656	549	607	5
3	TOTAL FEDERAL TAXES	OFT			560,968	227,169	22,052	24,386	210
	STATE								
4	STATE EMPLOYMENT SECURITY	DTAX3	TAX3	LABOR	99,694	40,372	3,919	4,334	37
5	MOTOR VEHICLE EXCISE TAX	OTAX3A	TAXSA	P392	Ó	0	0	0	. 0
6	TOTAL STATE TAXES	OST			99,694	40,372	3,919	4,334	37
	LOCAL PROPERTY								
7		OTAX4	TAX4	PTRAN	0	0	0.	0	0
8	•		TAX5	PDIST1	2,690,584	996,182	88,174	132,411	821
9		OTAX6	TAX6	PGEN	171,296	68,889	6,737	7,348	69
10		LOTAX			2,861,880	1,065,071	94,912	139,759	890
	ADD:								
11	EUASC ADVISORY TAX	OTAX7	TAX7	LABOR	948,986	384,301	37,305	41,254	355
12	TOTAL NON INCOME TAXES	XATTG			4,471,528	1,716,913	158,188	209,732	1,492
	ADJUSTMENTS TO OTHER TAXES								
	ADD:								
					_				
	EECO INCREASED FICA	AOTAX1			0	0	0	0	0
	EUASC INCREASED FICA	AOTAX2			0	0	0	0	0
	ADJUSTMENT PROPERTY TAX	AOTAX3	ATAX5	PEPIS1	0	. 0	0	0	0
16	TOTAL ADDITIONS	OTADD			0	0	0	0	0
17	NET ADJUSTMENTS	MAOT	OTADD		0	0	0	0	0
18	TOTAL ADJUSTED OTHER TAXES	AOTTAX			4,471,528	1,716,913	158,188	209,732	1,492

Run# 5404 PAGE 16- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

ES55D & TRANS MULTI-UNIT POD ES55E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)
RATE BASE = 6/30/96
A&G ON REV REQ ALLOC
LEVELIZED ROR @ 10.16%

TARIF	8 -	TAYES	OTHER	THAM	TNCOME	TAYES

						T 0	TALC	0 M P A N	Y	
							GENERAL S			
					SM.GEN.SVC	HD.GEN.SVC	LG.GEN.SVC	PRI GEN SVC	PRI GEN SVC	TOU
					RATE G-1	RATE G-2	RATE G-4	RATE G-S	RATE G-6	RATE T-2
		Out	In	Alloc						
	TAXES OTHER THAN INCOME									
	FEDERAL									
1	F.I.C.A. TAXES	OTAX1	TAX1	LABOR	43,872	121,231	30,892	3,821	15,340	5,709
2	UNEMPLOYMENT COMPENSAT	OTAX2	TAX2	LABOR	1,120	3,095	789	98	392	146
3	TOTAL FEDERAL TAXES	OFT			44,992	124,327	31,680	3,918	15,732	5,854
	STATE									
4	STATE EMPLOYMENT SECURITY	OTAX3	TAX3	LABOR	7,996	22,095	5,630	696	2,796	1,040
5	MOTOR VEHICLE EXCISE TAX	OTAX3A	TAX3A	P392	. 0	. 0	. 0	0	0	-,
6		OST			7,996	22,095	5,630	696	2,796	1,040
	LOCAL PROPERTY									
7		OTAX4	TAX4	PTRAN	0	0	0	0	0	0
8	DISTRIBUTION PLANT	OTAX5		PDIST1	131,274	719,285	212,876	19,523	90.588	37,878
9		OTAX6		PGEN	13,917	37,817	9,393	1,238	4,726	1,746
10	TOTAL LOCAL PROPERTY	LOTAX	IMAG	, ori	145,192	757,102	222,270	20,762	95,314	39,624
	477									
	ADD:									
11	EUASC ADVISORY TAX	OTAX7	IAX/	LABOR	76,112	210,323	53,5 94	6,628	26,614	9,904
								-		
12	TOTAL NON INCOME TAXES	CTTAX			274,292	1,113,846	313,174	32,004	140,456	56,423
	ADJUSTMENTS TO OTHER TAXES									
	ADD:									
13	EECO INCREASED FICA	AOTAX1	ATAX1	LABOR	0	0	0	0	0	0
14	EUASC INCREASED FICA	AGTAXZ	ATAX2	LABOR	0	0	0	0	D	0
15	ADJUSTMENT PROPERTY TAX	EXATOA	ATAX3	PEPIS1	0	0	- 0	a	0	D
16	TOTAL ADDITIONS	OTADD			0	0	0	0	0	0
17	MET ADJUSTMENTS	HAOT	OTADD		0	0	0	Q	Û	0
18	TOTAL ADJUSTED OTHER TAXES	ADTTAX			274,292	1,113,846	313,174	32,004	140,456	56,423

Run# 5404 PAGE 16- 3

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

AMB ON REV REQ ALLOC
LEVELIZED ROR @ 10.16%

TABLE 8	-	TAXES	OTHER	THAN	INCOME	TAXES

					INSU THEORE IN		.		
					т о т			N Y	
					HEATING		OFF PEAK		
					COM SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
					RATE H-1	RATE H-2	RATE A-6	RATE N-1	RATE S-1
		Out	In	Alloc					
	TAXES OTHER THAN INCOME								
	TRACO OTTER THAT INCOME								
	FEDERAL								
1		OTAX1	TAYI	LABOR	4,834	879	1,987	25,573	25,865
2		OTAX2		LABOR	123	22	51	653	660
			IMAL	ERBOR	4,957	901	2,038	26,226	26,525
3	TOTAL FEDERAL TAXES	OFT			4,73/	701	2,036	24,226	20,323
	AT 1 TF								
	STATE	AT4VT	7447	LABOR	881	160	362	4,661	4,714
4		OTAX3			0	100	0	4,001	7,714
5			TAX3A	P392		_		_	-
6	TOTAL STATE TAXES	OST			881	160	362	4,661	4,714
_	LOCAL PROPERTY							•	
7	TRANSMISSION PLANT	OTAX4		PTRAN	0	0	0	0	0
8	DISTRIBUTION PLANT	OTAX5	TAX5	PDIST1	32,013	4,617	12,214	68,292	144,434
9	GENERAL PLANT	OTAX6	TAX6	PGEN	1,480	287	6 05	9,218	7,825
10	TOTAL LOCAL PROPERTY	LOTAX			33,493	4,904	12,819	77,510	152,259
	ADD:								
11	EUASC ADVISORY TAX	OTAX7	TAX7	LABOR	8,386	1,524	3,448	44,367	44,872
12	TOTAL NON INCOME TAXES	OTTAX			47,717	7,490	18,667	152,764	228,370
	ADJUSTMENTS TO OTHER TAXES								
	ADD:								
	FECO THORESCEN ETC.	AOTAVI	47171	LABOD	0	0	a	Đ	0
	EECD INCREASED FICA		ATAXI		Ö	0	0	0	Ö
	EUASC INCREASED FICA		SXATA	LABOR	_	_	_	-	
	ADJUSTMENT PROPERTY TAX		ATAXS	PEPIS1	0	0	0	0	0
16	TOTAL ADDITIONS	OTADD			0	0	0	0	0
						_	_		
17	NET ADJUSTMENTS	NACT	OTADD		0	0	D	0	0
					/2 212	7 /84	10 //*	150 377	124 774
18	TOTAL ADJUSTED OTHER TAXES	XATTOA			47,717	7,490	18,667	152,764	228,370

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Run# 5404 PAGE 17- I

EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRAMS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST

DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

AAG ON REV REQ ALLOC
LEVELIZED ROR @ 10.16%

						T O T A L C	0 H P A	V	
							RESIDENTIA	SERVICE	
					TOTAL		\$\$1	SPACE HT	TOU
					COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
		Out	In	Alloc					
	STATE TAX CALCULATION								
1	OPERATING REVENUE	OPREV			259,705,131	93,472,038	5,257,175	8,800,605	51,896
	LESS:								
_	OPERATING EXPENSES								
	0 & M EXPENSES	SDUCI	AOME		228,097,638	78,448,909	6,857,154	7,976,416	52,961
	DEPRECIATION EXPENSE	SDUCZ	ADX403		9,673,557	3,479,124	309,233	457,791	2,811
	TAXES EXC STATE & FEDERAL	SDUC3	AOTTAX		4,471,528	1,716,913	158,188	209,732	1,492
5	DPERATING INCOME BEFORE TAXES	OPBTX			17,462,408	9,827,092	-2,067,400	156,666	-5,366
	LESS:								
6	INTEREST CHARGES	SDUC5	DUC5	PEP1S1	6,437,842	2,3 9 5,893	213,505	314,389	2,002
_	PLUS:								
	MISCELLANEOUS INCOME	SDUC6	DUC6	PEPIS1	0	0	Đ	D	0
8		NIBTX			11,024,566	7,431,199	-2,28D,905	-157,723	-7,369
	ADD:				•				•
_	UNALLOWABLE DEDUCTIONS								
	DEPRECIATION ADJUSTMENT	SDUC7		PEPIS1	433,438	161,307	14,375	21,167	135
10		SDUC7A		PEP1S1	0	0	0	a	0
11		SDUCA	DUC8	LABOR	Û	0	0	0	Û
12		SADD			433,438	161,307	14,375	21,167	135
	DEDUCT:								
	ADDITIONAL DEDUCTIONS								
13		SDUC13		PEPI\$1	0	0	a	0	0
14		SDUC14	DUC14	PEPIS1	0	0	0	0	0
15	DEPRECIATION ADJUSTMENT	SDUC15		PEPIS1	D	0	0	0	D
16		SBUC16		LABOR	Œ.	D	0	0	0
17	SPARE	SDUC17	DUC17	PEPIS1	0	0	0	0	Q.
18	TOTAL DEDUCTIONS	SDED			0	0	0	0	0
19	1100	SINC			11,458,004	7,592,506	-2,266,531	-136,556	-7,234
20	STATE TAX @ 6.5 PER CENT	STATX			744,770	493,513	-147,324	-8,876	-470
21	ADD: STATE DEFERRED INC TAX	STAX2	STX2	PEPIS1	Ð	0	0	0	0
22	TOTAL STATE INCOME TAX	STAX			744,770	493,513	-147,324	-8,876	-470
23	TAXABLE INCOME AFTER STATE TX	TAXING			10,713,234	7,098,993	-2,119,206	-127,680	-6,764
									-

Rum# 5484 PAGE 17- Z

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)
RATE BASE = 6/30/96
A&G ON REV REQ ALLOC
LEVELIZED ROR > 10.16%

				TABLE 9 INCO	D	TALC	0 M P A I	V	
						GENERAL S			
				SM.GEN.SVC	MD.GEN.SVC	LG.GEN.SVC		PRI GEN SVC	TOU
				RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
	Out	In	Alloc	KHIL O I	NATE OF E	,,			
STATE TAX CALCULATION	out	111	AIIOC						
1 OPERATING REVENUE	OPREV			12,706,163	77,948,292	25,909,264	2,608,748	15,042,132	5,450,468
LESS:	UFRET			20,,,,,,,	,,,				, ,
OPERATING EXPENSES									
2 O & M EXPENSES	SDUC1	AOME		10,708,578	65,503,386	24,800,907	2,252,930	13,982,659	5,295,576
3 DEPRECIATION EXPENSE	SDUCZ	ADX403		474,048	2,471,196	733,555	63,217	296,620	129,902
4 TAXES EXC STATE & FEDERAL	SDUC3	XATTOA		274,292	1,113,846	313,174	32,004	140,456	56,423
5 OPERATING INCOME BEFORE TAXES				1,249,246	8,859,864	61,628	260,597	622,396	-31,433
LESS:				_,					
6 INTEREST CHARGES	SDUC5	DUCS	PEPIS1	326,611	1,703,112	499,999	46,703	214,411	89,135
PLUS:		-							
7 MISCELLANEOUS INCOME	SDUC6	DUC6	PEPIS1	0	Q	0	0	0	0
8 NET INCOME BEFORE TAXES	NIBTX			922,635	7,156,752	-438,372	213,894	407,985	-120,569
ADD:									
UNALLOWABLE DEDUCTIONS									
9 DEPRECIATION ADJUSTMENT	SDUC7	DUC7	PEPIS1	21,990	114,665	33,663	3,144	14,436	6,001
10 EECO PORTION OF EUASC TAXES	SDUC7A	DUC7A	PEPIS1	0	0	0	0	0	0
11 EUASC LIFE INS PREMIUMS	SDUC8	DUC8	LABOR	0	0	0	0	0	0
12 TOTAL ADDITIONS	SADD			21, 99 0	114,665	33,663	3,144	14,436	6,001
DEDUCT:									
ADDITIONAL DEDUCTIONS									
13 SALVAGE - S/L PROPERTY	SDUC13	DUC13	PEPIS1	Ď	0	0	0	0	P
14 LOSS ACRS PROPERTY	SDUC14	DUC14	PEPIS1	0	0	0	0	0	0
15 DEPRECIATION ADJUSTMENT	SDUC15	DUC15	PEPIS1	0	0	0	Ó	0	0
16 SALVAGE - S/L PROPERTY	SDUC16	DUC16	LABOR	0	0	0	0	0	0
17 SPARE	SDUC17	DUC17	PEPIS1	0	0	0	O	0	0
18 TOTAL DEDUCTIONS	SDED			0	0	0	0	O	0
19 TAXABLE INCOME FOR STATE TAX	SINC			944,625	7,271,417	-404,708	217,038	422,421	-114,5 6 8
20 STATE TAX 9 6.5 PER CENT	STATX			61,401	472,642	-26,306	14,107	27,457	-7,447
21 ADD: STATE DEFERRED INC TAX	STAX2	STX2	PEPIS1	0	0	9	0	0	O.
22 TOTAL STATE INCOME TAX	STAX			61,401	472,642	-26,306	14,107	27,457	-7,447
23 TAXABLE INCOME AFTER STATE TO	CTAXING			883,224	6,798,775	-378,402	202,930	394,963	-107,121

Run# 5404 PAGE 17- 3

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUBY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E5550 & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLY ON MCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC

LEVELIZED ROR a 10.16%

				0	TALC	OMPA	N Y	
				HEATING	S SERVICE	OFF PEAK		
				COM SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
				RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-1
	0ut	In	Alloc					
STATE TAX CALCULATION								
1 OPERATING REVENUE	OPREV			1,850,845	294,653	609,522	5,176,791	4,526,537
LESS:								
OPERATING EXPENSES								
2 O & M EXPENSES	SOUCI	ADME		1,665,576	272,077	559,322	5,542,307	4,178,879
3 DEPRECIATION EXPENSE	SDUC2	ADX403		109,767	15,751	39,817	229,445	861,279
4 TAXES EXC STATE & FEDERAL	SDUC3	AOTTAX		47,717	7,490	18,667	152,764	228,370
5 OPERATING INCOME BEFORE TAXES	OPBTX			27,785	-665	-8,284	-747,725	-741,992
LESS:								
6 INTEREST CHARGES	SDUCS	DUC5	PEPIS1	75,343	11,032	28,836	174,360	342,509
PLUS:								
7 MISCELLANEOUS INCOME	SDUC6	DUC6	PEPIS1	0	0	0	0	a
8 NET INCOME BEFORE TAXES	NIBTX			-47,558	-11,697	-37,121	-922,086	-1,084,500
ADD:								
UNALLOWABLE DEDUCTIONS								
9 DEPRECIATION ADJUSTMENT	SDUC7	DUC7	PEPIS1	5,073	743	1,941	11,739	23,060
10 EECD PORTION OF EUASC TAXES	SDUC7A	DUC7A	PEPIS1	a	0	Ū	0	0
11 EUASC LIFE INS PREMIUMS	SDUC8	DUCS	LABOR	0	0	0	0	0
12 TOTAL ADDITIONS	SADD			5,073	743	1,941	11,739	23,060
DEDUCT:								
ADDITIONAL DEDUCTIONS								
13 SALVAGE - S/L PROPERTY	SDUC13	DUC13	PEPIS1	0	0	D	0	ů
14 LOSS ACRS PROPERTY	SDUC14	DUC14	PEPIS1	. 0	0	0	0	Đ
15 DEPRECIATION ADJUSTMENT	SDUC15	DUC15	PEPIS1	. 0	Ð	0	0	0
16 SALVAGE - S/L PROPERTY	SDUC16	DUC16	LABOR	0	0	0	0	Ð
17 SPARE	SDUC17	DUC17	PEPIS1	. 0	0	0	Q	0
18 TOTAL DEDUCTIONS	SDED			0	0	0	0	0
19 TAXABLE INCOME FOR STATE TAX	SINC			-42,486	-10,955	-35,179	-910,347	-1,061,440
20 STATE TAX & 6.5 PER CENT	STATX			-2,762	-712	-2,287	-59,173	-68, 99 4
21 ADD: STATE DEFERRED INC TAX	STAX2	STX2	PEPISI	. 0	0	0	0	Ð
22 TOTAL STATE INCOME TAX	STAX			-2,762	-712	-2,287	-59,173	-68,994
23 TAXABLE INCOME AFTER STATE TX	TAXING			-39,724	-10,242	-32, 89 3	-851,174	- 99 2,447

Run# 5404 PAGE 18- 1

EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST

DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

AMG ON REV REQ ALLOC
1EVELIZED ROR @ 10.16%

					OTALC	OHPAN	Y	
						RESIDENTIAL	SERVICE	
				TOTAL		SSI	SPACE HT	ŤOU
				COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
	Out	In	Alloc					
1 TAXABLE INCOME AFTER STATE TX				10,713,234	7,098,993	-2,119,206	-127,680	-6,764
2 FEDERAL TAX DEDUCTIONS	FDUC1	DDUC1	PEP121	0	0	0	O-	0
3 TAXABLE INC FOR FEDERAL TAXES	FINC			10,713,234	7,098,993	-2,119,206	-127,680	-6,764
4 FEDERAL TAX a 35 PER CENT	FEDTAX			3,749,632	2,484,648	-741,722	-44,688	-2,367
5 LESS: SURTAX CREDIT	FDUC2	DDUC2	PEPIS1	o	0	0	0	0
6 FEDERAL INCOME TAX	FONTAX			3,749,632	2,484,648	-741,722	-44,688	-2,367
7 LESS: CONSOLIDATED TAX SAVING	FDUC3	DDUC3	PEPIS1	D	0	a	0	. 0
8 TEST YR ADJ TO CONSOL TAX SAV	FDUC3A			0	0	0	0	0
9 FED TAX CALCULATED	FTAXL			3,749,632	2,484,648	-741,722	-44,688	-2,367
10 ADD:DEFERRED FED INC TX & ITC	FTAXZ	FTXZ	PEPIS1	-21,489	-7, 99 7	-713 .	-1,049	-7
	FTAX3	FTX3	PEPISI	-314,076	-116,88 6	-10,416	-15,338	-98
12 TAXES CHARGED TO OPERATIONS	FTAX			3,414,067	2,359,765	- 752,851	-61,075	-2,472
13 TOTAL OPERATING EXPENSE	TOE			246,401,560	86,498,224	6,424,399	8,573,988	54,321
14 OPERATING INCOME	OPINC			13,303,571	6,973,815	-1,167,225	226,617	-2,425

Run# 5404 PAGE 18- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REQNT. (REV - 01)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC
LEVELIZED ROR @ 10.16%

TARIS	- 0	THOOME	TAVEC

					T O	TALC	A 9 M D	N Y	
						GENERAL S	ERVICE		
				SM.GEN.SVC	MD_GEN.SVC	LG.GEN.SVC	PRI GEN SVC	PRI GEN SVC	TOU
				RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-Z
	Out	În	Alloc						
1 TAXABLE INCOME AFTER STATE TX	TAXING			883,224	6,798,775	-378,402	202,930	39 4,963	-107,121
2 FEDERAL TAX DEDUCTIONS	FDUCI	DDUC1	PEPIS1	0	0	0	0	0	Đ
3 TAXABLE INC FOR FEDERAL TAXES	FINC			883 ,224	6,798,775	-378,402	202,930	394,963	-107,121
4 FEDERAL TAX 9 35 PER CENT	FEDTAX			309,129	2,379,571	-132,441	71,026	138,237	-37,492
5 LESS: SURTAX CREDIT	FDUC2	DDUC2	PEPIS1	0	0	0	0	0	0
6 FEDERAL INCOME TAX	FONTAX			309,12 9	2,379,571	-132,441	71,026	138,237	-37,492
7 LESS: CONSOLIDATED TAX SAVING	FDUC3	DDUC3	PEPIS1	0	0	0	0	0	0
8 TEST YR ADJ TO CONSOL TAX SAV	FDUC3A			D	0	0	0	0	0
9 FED TAX CALCULATED	FTAX1			309,129	2,379,571	-132,441	71,026	138,237	-37,492
10 ADD: DEFERRED FED INC TX & ITC	FTAX2	FTX2	PEPIS1	-1,090	-5, 68 5	-1,669	-156	-716	-298
11 AMORT OF ITC	FTAX3	FTX3	PEPIS1	-15,934	-83,088	-24,393	-2,278	-10,460	
12 TAXES CHARGED TO OPERATIONS	FTAX			2 9 2,104	2,290,799	-158,503	68,591	127,061	-42,138
13 TOTAL OPERATING EXPENSE	TOE			11,810,422	71,851,869	25,662,828	2,430,850	14,574,254	5,432,316
14 OPERATING INCOME	OPINC			895,741	6,096,423	246,436	177,898	467,878	18,152

Run# 5404 PAGE 18- 3

EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST

DIST. REV. REQMT. (REV - 81)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC

LEVELIZED ROR 9 10.16%

					-T 0	TAL	C 0 1	1 P A	N Y	
					HEATIN	G SERVICE	- OF	F PEAK		
				COM S	PC HTG	GEN HTG	\$ \$1	ANDBY	WATER HTG	LIGHTING
•				R/	TE H-1	RATE H-	2 F	RATE A-6	RATE W-1	RATE S-1
	Out	In	Alloc							
1 TAXABLE INCOME AFTER STATE TX				•	39,724	-10,24	2	-32,893	-851,174	-992,447
2 FEDERAL TAX DEDUCTIONS		DDUC1	PEPIS1		0)	0	0	0	0
3 TAXABLE INC FOR FEDERAL TAXES				•	39,724	-10,24	2	-32,893	-851,174	-992,447
4 FEDERAL TAX @ 35 PER CENT	FEDTAX			-	13,903	-3,58	5	-11,512	-297,911	-347,356
5 LESS: SURTAX CREDIT	FDUC2	DDUC2	PEPIS1		0	ı	0	0	C	0
6 FEDERAL INCOME TAX	FINTAX				13,903	-3,58	5	-11,512	-297,911	-347,356
7 LESS: CONSOLIDATED TAX SAVING	FDUC3	DDUC3	PEPISI		0		0	0	0	0
8 TEST YR ADJ TO COMSOL TAX SAV	FDUC3A				0		0	0	0	0
9 FED TAX CALCULATED	FTAXL			-	13,903	-3,58	5	-11,512	-297,911	-347,356
10 ADD:DEFERRED FED INC TX & ITC	FTAXZ	FTX2	PEPIS1		-251	-3	7	-96	-582	-1,143
11 AMORT OF ITC	FTAX3	FTX3	PEPIS1		-3,676	-53	8	-1,407	-8,506	-16,710
12 TAXES CHARGED TO OPERATIONS	FTAX			-	17,831	-4,16	0	-13,015	-306,999	-365,209
13 TOTAL OPERATING EXPENSE	TOE			1,8	02,469	290,44	6	602,504	5,558,344	4,834,326
14 OPERATING INCOME	OPINC				48,377	4,20	7	7,018	-381,554	-307,789

Run# 5404 PAGE 19- 1

EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWEEVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST

DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

AMG ON REV REQ ALLOC

LEVELIZED ROR @ 10.162

					ABLE TO " EABUR ALLUCATO			v	
					,	OTALC	O H P A N	Y	
					TOTAL		RESIDENTIAL		
					COMPANY	RATE R-1	SSI RATE R-2	SPACE HT	TOU
		Out	In	Alloc	COMPART	KAIL K-1	RAIL R-C	RATE R-3	RATE R-4
	DEVELOPMENT OF LABOR	041	4,1	MIIUC					
	TRANSMISSION EXPENSE								
	OPERATION								
1	560-SUPERV & ENGINEERING	L560	K560	Z560	a	0	o	0	a
2	561-LOAD DISPATCHING	L561	K561	DTGUP	0	ů	0	0	0
3	56Z-STATION EXPENSES	£562	K562	P3523	o o	0	ū	Ů	Ö
4	563-OVERHEAD LINE EXPENSES	L563	K563	P3546	0	0	Õ	n	ŏ
5	565-TRANS OF ELEC BY OTHERS		K565	DTGUP	0	0	ŏ	o	0
6		L566	K566	PTRAN	0	0	ŏ	a	0
. 7	TOTAL OPERATIONS	LTO			o o	0	ŏ	ŏ	ů
	MAINTENANCE				-	•	•	•	-
8	568-SUPERV & ENGINEERING	L568	K568	Z568	0	0	G-	0	0
9	570-STATION EQUIPMENT	L570	K570	P3523	0	o o	ō	. 0	Ŏ
10	571-OVERHEAD LINE EXPENSE	L571	K571	P3546	0	Ō	0	, ,	' ŏ
11	573-MISCELLANEOUS	L573	K573	PTRAN	0	0	o o	0	ō
12	TOTAL MAINTENANCE	LTH			0	0	å	Õ	0
13	TOTAL TRANSMISSION EXPENSE	LTRANS	;		0	0	0	0	0
	DISTRIBUTION EXPENSES								
	OPERATION								
14	580-SUPERV & ENGINEERING	L580	K580	2580	719	269	26	33	0
15	581-LOAD DISPATCHING	1581	K581	D10	27,783	9,643	798	1,530	7
16	582-STATION EXPENSES	L582	X582	P362	321,693	111,654	9,240	17,718	86
17	583-OVERHEAD LINE EXPENSE	L583	K583	P3645	1,376,876	488,380	40,415	77,4 9 8	375
18	584-UNDERGROUND LINE EXP	L584	K584	P3667	403,002	142,118	11,761	22,552	109
19	585-STREET LIGHTING	L585	K585	P373	35,782	0	0	0	0
20	586-METER EXPENSES	L586	K586	P370	1,169,037	394,207	49,141	29,604	1,363
	587-CUSTOMER INSTALLATION	EXPENSE							
21	WATER HEATERS	L587W	K587W	C372	0	0	0	0	0
22	OTHER	L5870	K5870	C12	273,144	206,217	21,737	9,884	67
23	TOTAL ACCOUNT 587	L587			273,144	206,217	21,737	9,884	67
24	588-MISCELLANEOUS	L588	K588	POIST1	1,440,243	533,247	47,199	70,878	440
25	TOTAL OPERATIONS	LDO			5,048,279	1,885,733	180,316	229,696	2,448
	MAINTENANCE								
26	590-SUPERV & ENGINEERING	L590	K590	Z590	0	0	0	0	G
27	591-STRUCTURES	L591	K591	P361	4,756	1,651	137	262	1
28	592-STATION EQUIPMENT	L592	K592	P362	114,377	39,698	3,285	6,299	31
29	593-OVERHEAD LINE EXPENSE	L593	K593	P3645	1,397,010	495,521	41,006	78,631	381
30	594-UNDERGROUND LINE EXP	L594	K594	P3667	277,626	97,904	8,102	15,5 36	75
31	595-LINE TRANSFORMERS	L595	K595	P368	74,034	27,003	2,235	4,285	21
32	596-ST LT & SIGNAL SYSTEMS	L5 9 6	K5 96	P373	202,487	0	0	0	0
33	597-METER EXPENSE	L597	K597	P370	0	0	0	0	0
34	598-MISCELLANEOUS	L5 9 8	K598	PDIST1	1,970	729	65	97	1
35	TOTAL MAINTENANCE	LDM			2,072,260	662,506	54,829	105,110	50 9
36	TOTAL DISTRIBUTION EXPENSE	LDIST			7,120,539	2,548,240	235,146	334,806	2,958

Run# 5404 PAGE 19- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POB E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST

DIST. REV. REQMT. (REV ~ 01)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC

LEVELIZED ROR 9 10.16%

				14	DIE IN - LABOK					
						т о		0 H P A N	Y	
					SM.GEN.SVC	NA CEN CUC	GENERAL SI			
					RATE G-1	MD.GEN.SVC RATE G-2	LG.GEN.SVC RATE G-4	PRI GEN SVC RATE G-5		TOU
		Out	In	Alloc	NAIL D I	RAIL G-Z	RAIL G-4	RAIE G-5	RATE G-6	RATE T-2
	DEVELOPMENT OF LABOR			41100						
	TRANSMISSION EXPENSE OPERATION									
1	560-SUPERV & ENGINEERING	L560	K560	Z560	0	0	0	_	_	_
2	561-LOAD DISPATCHING	1561	K561	DTGUP	9	0	0	0	0	0
3	562-STATION EXPENSES	L562	K562	P3523	0	0	ű	0	0	0
4	563-OVERHEAD LINE EXPENSES	L563	K563	P3546	0	0	0	0	0	0
5	565-TRANS OF ELEC BY OTHERS		K565	DTGUP	. 0	0	•	0	0	0
6	303 TRANG OF LEED BY STILLING	L566	K566	PTRAN	n	0	0	0	U	0
7	TOTAL OPERATIONS	LTO	7300	FINAN	0	0	-	0	0	0
•	MAINTENANCE	F10			U	Ų	0	Ó	0	0
8	568-SUPERV & ENGINEERING	L568	K568	Z568	0	0			_	_
9	570-STATION EQUIPMENT	L570	K570	P3523	0	0	0	0	0	0
10	571-OVERHEAD LINE EXPENSE	L571	K571	P3546	0	0	0	0	0	0
11	573-HISCELLANEOUS	L573	K573	PTRAN	0	0	0	0	0	0
12	TOTAL MAINTENANCE	LTH	113.3	i inagi	0	0	0	-	0	0
13	TOTAL TRANSMISSION EXPENSE	LTRANS	;		Ď	0	0	0	0	0
	DISTRIBUTION EXPENSES									
	OPERATION									
14	580-SUPERV & ENGINEERING	L580	K580	2580	47	180	45	6	23	8
15	581-LOAD DISPATCHING	L581	K581	D10	1,195	8,371	2,514	320	1,630	461
16	582-STATION EXPENSES	L582	K582	P362	13,838	96,922	29,106	3,703	18,870	5,336
17	583-OVERHEAD LINE EXPENSE	1583	K583	P3645	60,528	424,907	127,496	11,382	59,423	23,340
18	584-UNDERGROUND LINE EXP	L584	K584	P3667	17,613	123,476	37,407	3,562	18,770	6.792
19	585-STREET LIGHTING	L585	K585	P373	0	0	0	0	0	0
20	586-METER EXPENSES	L586	K586	P370	140,026	213,586	3,485	16,136	15,662	2,845
	587-CUSTOMER INSTALLATION (EXPENSE			- -		-,	,	15,002	2,015
21	WATER HEATERS	L587W	K587W	C372	0	0	0	0	0	á
22	OTHER	L5870	K5870	C12	24,892	9,836	127	51	49	105
23	TOTAL ACCOUNT 587	L587			24,892	9,836	127	51	49	105
24	588-MISCELLANEOUS	L588	K588	PDIST1	70,270	385,026	113,951	10,451	48,491	20,276
25	TOTAL OPERATIONS	LDO			328,409	1,262,304	314,130	45,611	162,918	59,162
	HAINTENANCE						,	, , , , ,		,
26	590-SUPERV & ENGINEERING	£590	K590	2590	Đ	0	0	0	0	0
27	591-STRUCTURES	L591	K591	P361	205	1,433	430	55	279	79
28	592-STATION EQUIPMENT	L592	K592	P362	4,920	34,460	10,349	1,317	6,709	1,897
29	593-OVERHEAD LINE EXPENSE	L593	K593	P3645	61,413	431,121	129,360	11,548	60,292	23,681
30	594-UNDERGROUND LINE EXP	L594	K594	P3667	12,134	85,062	25,769	2,454	12,930	4,679
31	595-LINE TRANSFORMERS	L595	K595	P368	3,347	23,627	8,237	33	812	1,290
32	596-ST LT & SIGNAL SYSTEMS	L5 96	K596	P373	0	0	0	0	0	0
33	597-METER EXPENSE	L597	K597	P370	0	0	ō	ō	ò	ō
34	598-MISCELLANEOUS	L 598	K598	PDIST1	96	527	156	14	66	28
35	TOTAL MAINTENANCE	LDM			82,114	576,229	174,301	15,420	81,089	31,654
36	TOTAL DISTRIBUTION EXPENSE	LDIST			410,523	1,838,533	488,431	61,032	244,008	90,816
									,	,

Run# 5404 PAGE 19- 3

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KHH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

AEG ON REV REQ ALLOC
LEVELIZED ROR © 10.16%

				TABLE 10 - LABOR				ı v	
					T O T) M P A N	, ,	
					HEATING		OFF PEAK		LIGHTING
					COM SPC HTG	GEN HTG	STANDBY	WATER HTG	
					RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-1
		Out	In	Alloc					
	DEVELOPMENT OF LABOR								
	TRANSMISSION EXPENSE								
	OPERATION				_			•	0
1	560-SUPERV & ENGINEERING	L560	K560	Z560	0	0	0	0	0
2	561-LOAD DISPATCHING	L561	K561	DT GUP	Ç.	0	-		0
3	562-STATION EXPENSES	L562	K562	P3523	G.	0	0	0	0
4	563-OVERHEAD LINE EXPENSES	L563	K563	P3546	D	0	0	0	0
5	565-TRANS OF ELEC BY OTHERS		K565	DTGUP	0	0	0	0	0
6		L566	K566	PTRAN	0	0	0	0	0
7	TOTAL OPERATIONS	T.LO			0	0	0	0	v
	MAINTENANCE					_	_		
8	568-SUPERV & ENGINEERING	L568	K568	Z568	Û	0	0	0	0
9	570-STATION EQUIPMENT	L570	K570	P3523	0	0	0	0	0
10	571-OVERHEAD LINE EXPENSE	L571	K571	P3546	0	0	0	0	0
11	573-MISCELLANEOUS	L573	K573	PTRAN	0	0	0	0	0
12	TOTAL MAINTENANCE	LTM			0	0	0	0	0
13	TOTAL TRANSMISSION EXPENSE	LTRANS			0	0	0	0	0
	DISTRIBUTION EXPENSES								
	OPERATION								
14	580-SUPERV & ENGINEERING	L580	K580	Z580	7	1	3	51	19
15	581-LOAD DISPATCHING	L581	K581	D10	389	50	228	355	2 9 2
16	582-STATION EXPENSES	L582	K582	P362	4,506	580	2,636	4,115	3,383
17	583-OVERHEAD LINE EXPENSE	L583	K583	P3645	19,710	2,537	8,087	18,001	14,799
18	584-UNDERGROUND LINE EXP	L584	K584	P3667	5,736	738	2,824	5,238	4,306
19	585-STREET LIGHTING	L585	K585	P373	0	0	0	0	35,782
20	586-METER EXPENSES	L586	K586	P370	2,765	4,090	475	295,653	0
	587-CUSTOMER INSTALLATION	EXPENSE							
21	WATER HEATERS	L587W	K587W	C372	0	0	Û	0	0
22	OTHER	L5870	K5870	C12	177	0	0	Ď	0
23	TOTAL ACCOUNT 587	L587			177	0	0	0	0
24	588-HISCELLANEOUS	L588	K588	PDIST1	17,136	2,472	6,538	36,556	77,314
25	TOTAL OPERATIONS	LDO			50,425	10,468	20,790	359, 9 70	135,896
	MAINTENANCE								
26	590-SUPERV & ENGINEERING	L590	X590	2590	0	0	0	0	0
27	591-STRUCTURES	L591	K591	P361	67	9	39	61	50
28	592-STATION EQUIPMENT	L592	K592	P362	1,602	206	937	1,463	1,203
29	593-OVERHEAD LINE EXPENSE	1593	K593	P3645	19,998	2,574	8,205	18,264	15,015
30	594-UNDERGROUND LINE EXP	L594	K594	P3667	3,951	509	1,945	3,609	2, 96 7
31	595-LINE TRANSFORMERS	L595	K595	P368	1,090	140	103	99 5	818
32	596-ST LT & SIGNAL SYSTEMS	L596	K596	P373	0	0	0	Q	202,487
33	597-METER EXPENSE	L597	K597	P370	ō	D	0	0	0
34	598-NISCELLANEOUS	L598	K598	POISTI	23	3	9	50	106
35	TOTAL MAINTENANCE	LDM			26,731	3,441	11,238	24,442	222,645
36	TOTAL DISTRIBUTION EXPENSE	LDIST			77,157	13,909	32,028	384,413	358,541
30	TOTAL DESIREDGETOR CAPERAL				,	,,	- ,		

Run# 5404

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EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)
RATE BASE = 6/30/96
A&G ON REV REG ALLOC
LEVELIZED ROR @ 10.16%

						TOTAL C			
						TOTAL C	O M P A N RESIDENTIAL	•	
					TOTAL		122	SPACE HT	TOU
					COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
		Out	In	Alloc		NATE & 2	NAIL K Z	KAIE K-3	KAIL R-4
	CUSTOMER ACCOUNTS EXPENSES								
1	901-SUPERVISION	L901	K901	Z901	35,859	27 40/			
2		L902	K902	CW902	1,058,602	23,096	2,513	1,107	8
3	903-CUSTOMER RECORDS	L903	K903	CW903	385,487	700,223	73,811	33,563	252
4	TOTAL CUSTOMER ACCOUNTS	LCUST		V# / UJ	1,479,948	229,883	27,411	11,019	75
		2004.			1,477,740	953,202	103,735	45,688	335
	CUSTOMER SERVICE AND INFORMA	ATION EX	XPENSES	;					
5	907-SUPERVISION	L907	K907	Z907	Û	0	0	0	0
6	908-CUSTONER ASSISTANCE	L908	K908	CW908	221,887	67,011	7,064	3,212	22
7	909-INFO & INSTRUCTIONAL	L909	K909	CW909	14,706	12,747	1,344	611	4
8	910-MISCELLAMEOUS	L910	K910	L9089	21,077	7,105	749	341	2
9	TOTAL CUST SERV & INFO	LSERV			257,670	86,863	9,156	4,163	28
	SALES EXPENSES								
10	911-SUPERVISION	L911	K911	Z911	0		_	_	
11	912-DEMO & SELLING	L912	K912	CW912	0	0	0	Q -	0
12	913-ADVERTISING	L913	K913	CW913	a	0	0	0	0
13	916-MISCELLANEOUS	L916	K916	CW916	0	0	0	0	0
14	TOTAL SALES	LSALES		011745	0	a	0	Ó G	0
					-	•	·	•	•
	ADMINISTRATION & GENERAL EXP OPERATION	ENSES							
15	920-SALARIES	L920	K920	Z920	22,469	9.040	04/		_
16	921-OFFICE SUPPLIES&EXP	L921	K921	AGRR	1,471	8,969 586	904	1,025	7
17	922-A EXP TRANS CR	1922	K922	AGRR	0	996	59	68	0
18	924-PROPERTY INSURANCE	L924	K924	TD1	0	0	0	G *	0
19	925-INJURIES & DAMAGES	L925	K925	AGRR	10,292	4,100	416	0	0
20	926-EMPLOYEE PENS &BENEFIT	L926	K926	LABOR1	3,611	1,463	142	473	3
21	930 -GENERAL ADVERTISING	L930	K930	AGRR	14,334	5,710	579	157 659	1
22	931-RENTS	1.931	K931	AGRR	17	7	3/7		4
23	TOTAL OPERATIONS	LAGO	~~		52,194	20,835	2,101	1 2,382	0 17
							_,	2,002	4.
	MAINTENANCE								
24	935-MAINT, OF GENERAL PLANT		K935	AGRR	122,8 9 4	48,957	4,964	5,646	38
25	TOTAL ADMIN &GENERAL EXPENSE	LAG			175,088	69,792	7,065	8,028	55
26	SUM OF ALLOCATED LABOR	LABOR			9,033,245	3,658,097	355,101	392,686	3,375

Run# 5484 PAGE 20- 2

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST

DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC

LEVELIZED ROR @ 10.16%

						т р	TALC	0 H P A N	Y	
							GENERAL S	ERVICE		
					SM.GEN.SVC	MD.GEN.SVC	LG.GEN.SVC	PRI GEN SVC	PRI GEN SVC	TOU
			_		RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
		Out	In	Alloc						
	CUSTOMER ACCOUNTS EXPENSES									
1	901-SUPERVISION	L901	K901	2901	4,977	2 850	27		•	
2	902-METER READING	L902	K902	CW902	169,044	2,050 70,140	27 907	15	14	22
3	903-CUSTOMER RECORDS	L903	K903	CW902	31,389	12,404	160	536	520	747
4	TOTAL CUSTOMER ACCOUNTS	LCUST	K903	CHPUJ	205,410	12,404 84,594	1.094	64	62	132
•	TOTAL COSTONER RECOGNIS	LCOST			205,410	04,374	1,094	615	597	901
	CUSTOMER SERVICE AND INFORMA	ATION E	XPENSES							
5	907-SUPERVISION	L907	K907	29 07	0	0	0	0	0	o
6	908-CUSTOMER ASSISTANCE	L908	K908	CH908	89,277	35,279	8,405	183	3,263	376
7	909-INFO & INSTRUCTIONAL	L909	K90 9	CW909	0	0	0	0	0	0
8	910-MISCELLANEOUS	L910	K910	L9089	7,953	3,143	749	16	291	33
9	TOTAL CUST SERV & INFO	LSERV			97,231	38,422	9,154	199	3,554	409
						•	•		-,	
	SALES EXPENSES									
10	911-SUPERVISION	L911	K911	Z911	0	0	0	0	0	0
11	912-DEMO & SELLING	L912	K912	CW912	0	D	0	Û	0	0
12	913-ADVERTISING	L913	K913	CW913	0	0	0	0	0	0
13	916-HISCELLANEOUS	L916	K916	CW916	0	0	0	0	0	0
14	TOTAL SALES	LSALES	S		0	0	0	0	D	0
	ADMINISTRATION & SENERAL SVE	ENCEC								
	ADMINISTRATION & GENERAL EXP OPERATION	CHOCO								
15	920-SALARIES	1920	K920	2920	1,486	5,175	1.454	160	661	272
16	921-OFFICE SUPPLIES&EXP	L921	K921	AGRR	94	341	97	10	44	18
17	922-A EXP TRANS CR	L922	K922	AGRR	Ô	0	á	0	70	
18	924-PROPERTY INSURANCE	L924	K924	TD1	ā	0	0	Ď	ō	0
19	925-INJURIES & DAMAGES	L925	K925	AGRR	660	2,383	678	73	305	127
20	926-EMPLOYEE PENS &BENEFIT	L926	K926	LABORI	291	800	203	25	101	38
21	930 -GENERAL ADVERTISING	L930	K930	AGRR	920	3,319	944	102	425	177
22	931-RENTS	L931	K931	AGRR	1	4	1	0	1	0
23	TOTAL OPERATIONS	LAGO			3,452	12,022	3,377	371	1,536	631
					-,	,-22	-,	****	-,-30	
	MAINTENANCE									
24	935-MAINT. OF GENERAL PLANT	L935	K935	AGRR	7,885	28,456	8,093	877	3,640	1,515
25	TOTAL ADMIN &GEMERAL EXPENSE	LAG			11,337	40,478	11,470	1,248	5,175	2,147
26	SUM OF ALLOCATED LABOR	LABOR			724,501	2,002,027	510,150	63,094	253,334	94,274

Run# 5404 PAGE 20- 3

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY THELVE MONTHS EMDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

ARG ON REV REQ ALLOC

LEVELIZED ROR > 10.16%

					т о	TALC	0 H P A	N Y	
					HEATING	G SERVICE	DFF PEAK		
					COM SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
					RATE H-1	RATE H-2	RATE A-6	RATE ₩-1	RATE S-1
		Out	In	Alloc					
	CUSTOMER ACCOUNTS EXPENSES								
1	901-SUPERVISION	L901	K901	Z901	7	8	0	774	1,241
2	902-METER READING	L902	K902	CW902	60	89	16	8,694	0
3	903-CUSTOMER RECORDS	L903	K903	CW903	223	231	2	22,458	49,974
4	TOTAL CUSTOMER ACCOUNTS	LCUST			290	329	18	31,926	51,215
	CUSTOMER SERVICE AND INFORMAT	TION EX	PENSES						
5	907-SUPERVISION	L 9 07	K907	Z907	0	0	0	0	D
6	908-CUSTOMER ASSISTANCE	L908	K908	CW908	634	0	99	Ó	7,063
7	909-INFO & INSTRUCTIONAL	L909	K909	CW909	a	0	0	a	0
8	910-MISCELLANEOUS	L910	K910	L9089	56	0	9	a	629
9	TOTAL CUST SERV & INFO	LSERV			690	0	108	0	7,692
	SALES EXPENSES								
10	911-SUPERVISION	L 9 11	K911	Z911	O	0	0	Ð	В
11	912-DEMO & SELLING	L912	K912	CW912	0	0	0	0	0
12	913-ADVERTISING	L913	K913	CW913	0	0	0	q	0
13	916-MISCELLANEOUS	L916	K916	CW916	Ó	0	0	0	O
14	TOTAL SALES	LSALES	i		0	0	0	0	D
	ADMINISTRATION & GENERAL EXP	ENSES							
	OPERATION								
15	920-SALARIES	1920	K92D	2920	215	35	85	793	1,226
16	921-OFFICE SUPPLIES&EXP	L921	K921	AGRR	14	2	6	50	82
17	922-A EXP TRANS CR	1922	K922	AGRR	0	0	0	0	0
18	924-PROPERTY INSURANCE	1924	K924	TD1	0	0	0	0	0
19	925-INJURIES & DAMAGES	L925	K925	AGRR	99	16	39	347	572
20	926-EMPLOYEE PENS &BENEFIT	1926	K926	LABOR1	32	6	13	170	170
21	930 -GEMERAL ADVERTISING	L930	K930	AGRR	139	22	55	483	797
22	931-RENTS	L931	K931	AGRR	0	0	Ð	1	1
23	TOTAL OPERATIONS	LAGO			499	81	198	1,843	2,849
	MAINTENANCE								
24	935-MAINT. OF GENERAL PLANT		K935	AGRR	1,188	190	470	4,140	6,835
25	TOTAL ADMIN &GENERAL EXPENSE	LAG			1,687	271	668	5,983	9,684
26	SUM OF ALLOCATED LABOR	LABOR			79,823	14,509	32,821	422,322	427,131

Run# 5404 PAGE 21- 1

EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUME 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST

DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

ABG ON REV REQ ALLOC
LEVELIZED ROR 2 10.16%

TABLE 11 - ALLOCATION FACTORS

				OTAL C	D M P A N	V	
			,		RESIDENTIAL	SERVICE	
			TOTAL		SSI	SPACE HT	TOU
			COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
	Out	In	Alloc	/		AAIC N 3	NAIL R 7
EXTERNALLY DEVELOPED ALLOCATI	ON FACT	ORS					
CAPACITY RELATED							
1 NON-COINCIDENT PEAKS	D10	B10	678.426	235.469	19.486	37.365	0.181
2 SINGLE UNIT PROB OF DISPATCH	D20	D20	0.0000	0.00000	0.00000	0.00000	0.0000
3 GENERATION DEMAND PERCENTAGE	DTGUP		100.00000	32,80329	2.67778	3.29047	0.07161
4 DISTRIBUTION PLT - PRI	D30	D30	53.165	0.000	0.000	0.000	0.000
5 DISTRIBUTION PLT - SEC	032	D32	625.261	235.469	19.486	37.365	0.181
6 DIST TRANSFORMERS	D33	033	625.261	235.469	19.486	37.365	0.181
7 12 CP	D40	D40	457.956	164.101	12.682	15.860	0.088
8 AVERAGE & EXCESS	D50	D50	100.000	33.517	2.762	4.896	0.025
9 C & LM DIRECT ASSIGNMENT	D90	D90	0	0	0	0	0
10 BILLING DEMAND IN KILOWATTS	D 9 9	D99	16,292,693	8,918,052	616,139	703,962	4,926
11 TOTAL GENERATION DEMAND	DTGU		135,384,476	44,410,566	3,625,302	4,454,779	29,258
							•
12 DEDICATED PRIMARY PLANT - 364	DP364	DP364	62,074	0	Ð	0	0
13 DEDICATED PRIMARY PLANT - 365	DP365	DP365	109,553	0	0	0	0
14 DEDICATED PRIMARY PLANT ~ 366	DP366	DP366	25,130	0	0	Û	0
15 DEDICATED PRIMARY PLANT - 367	DP367	DP367	93,719	0	0	0	D
16 DEDICATED PRIMARY PLANT - 368	DP368	0 P368	1,092,025	0	0	0	Q.
EMERGY RELATED							
17 MEGAWATTHOUR SALES AT CUST	E99P	E99	2,607,473.D	855,187.0	69,317.0	87,057.0	563.0
18 MEGAWATTHOUR SALES AT GEN	E10P	E10	2,735,444.0	900,955.0	73,081.0	90,605.0	592.0
19 ENERGY COST RESPONSIBILITY	EC0ST	ECOST	1.00000	0.32947	0.02660	0.03298	0.00021

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EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 H.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD ESSSE ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST

DIST. REV. REQMT. (REV - 01) RATE BASE = 6/30/96 ASG ON REV REQ ALLOC LEVELIZED ROR a 10.16%

369 & 370 DIR CUST				LEVELIZED ROR @ 10.16%								
			TAB	LE 11 - ALLOCA								
					T O		C M P A F	V				
						GEMERAL SI						
				SM.GEN.SVC	MD.GEN.SVC	LG.GEN.SVC	PRI GEN SVC		TOU			
				RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2			
	0ut	In	Alloc									
EXTERNALLY DEVELOPED ALLOCATI	ON FACT	ORS										
CAPACITY RELATED												
1 NON-COINCIDENT PEAKS	D10	DIO		2 9.18 3	204.401	61.383	7.810	39.7 96	11.253			
2 SINGLE UNIT PROB OF DISPATCH	D20	D20		0.00000	0.00000	0.0000	0.00000	0.00000	0.00000			
3 GENERATION DEMAND PERCENTAGE	DTGUP			4.09440	30.25173	12.02385	1.04309	6.92481	2.602 94			
4 DISTRIBUTION PLT - PRI	D30	D30		0.000	0.000	0.000	7.810	39.79 6	0.000			
S DISTRIBUTION PLT - SEC	D32	D32		29.183	204.401	61.383	0.000	0.000	11.253			
6 DIST TRANSFORMERS	D33	033		29.183	204.401	61.383	0.000	0.000	11.253			
7 12 CP	D40	D40		20.202	146.302	49.731	4.576	26.0 9 1	9.351			
8 AVERAGE & EXCESS	D50	D50		4.157	29.481	9.478	1.102	5. 94 5	1.822			
9 C & LM DIRECT ASSIGNMENT	D90	D90		0	0	1	0	0	0			
10 BILLING DEMAND IN KILOWATTS	D99	099		742,750	2,823,625	762,756	86,784	489,456	143,079			
11 TOTAL GENERATION DEMAND	ĎTGU			5,543,1 86	40,956,143	16,278,426	1,412,176	9,375,114	3,523,982			
12 DEDICATED PRIMARY PLANT - 364	DD364	DP364		0	18,384	3,040	403	38,758	0			
13 DEDICATED PRIMARY PLANT - 365		DP365		0	35,044	7,094	3,965	62,635	ō			
14 DEDICATED PRIMARY PLANT - 366		DP366		ŏ	2,828	,,,,,,	٥	22,302	ō			
15 DEDICATED PRIMARY PLANT - 367		DP367		ů	6,323	29,892	659	32,412	ő			
16 DEDICATED PRIMARY PLANT - 368		DP368		ŏ	89.028	570,867	12,670	372,452	ō			
10 DEDICATED ARTHUR LEWIL - 200	DF300	DF-300		v	07,020	370,007	12,074	3,2,432	Ů			
ENERGY RELATED												
17 MEGAWATTHOUR SALES AT CUST	E99P	E99		106,102.0	792,271.0	312,894.0	27,529.0	179,933.0	67,781.0			
18 MEGAWATTHOUR SALES AT GEN	E10P	E10		112,079.0	829,896.D	326,582.0	28,648.0	187,020.0	70,303.0			
19 EMERGY COST RESPONSIBILITY	ECOST	ECOST		0.04131	0.30613	0.11877	0.01056	0.06749	0.02527			

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EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH CDST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC

LEVELIZED ROR @ 10.16%

TABLE 11 - ALLOCATION FACTORS

				0	TALC	0 # P A	N Y	
				HEATIN	G SERVICE	OFF PEAK		
				COM SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
				RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-1
	Out	Ĭn	Alloc					
EXTERNALLY DEVELOPED ALLOCATI CAPACITY RELATED	ON FACT	ORS						
1 NON-COINCIDENT PEAKS	Dlo	D10		9.503	1 997			
2 SINGLE UNIT PROB OF DISPATCH	D20	D20				5.559	8.679	7.135
3 GENERATION DEMAND PERCENTAGE		D24		0.00000		0.00000	0.00000	0.00000
4 DISTRIBUTION PLT - PRI	D30	D30		0.70533		0.22565	2.12633	1.09531
5 DISTRIBUTION PLT - SEC				0.000		5.559	0.000	0.000
6 DIST TRANSFORMERS	D32	D32		9.503		0.400	8.679	7.135
	D33	D33		9.503		0.000	8.679	7.135
7 12 CP	D40	D40		2-690		1.051	0.610	4.015
8 AVERAGE & EXCESS	D50	D50		1.216		0.669	3.748	1.021
9 C & LM DIRECT ASSIGNMENT	D90	D90		0	-	0	0	Ġ.
10 BILLING DEMAND IN KILOWATTS	D99	D99		82,233	•	46,348	775,888	77,021
11 TOTAL GENERATION DEMAND	DTGU			954,914	153,528	305,497	2,878,723	1,482,883
12 DEDICATED PRIMARY PLANT - 364	DP364	DP364		0	0	1,489	0	0
13 DEDICATED PRIMARY PLANT - 365	DP365	DP365			0	815	0	o
14 DEDICATED PRIMARY PLANT - 366	DP366	DP366		Ů	0	0	0	0
15 DEDICATED PRIMARY PLANT - 367	DP367	DP367		ú	0	24,433	0	0
16 DEDICATED PRIMARY PLANT - 368	DP368	DP368		0	0	47,008	0	0
ENERGY RELATED								
17 MEGAWATTHOUR SALES AT CUST	EOOD	E00		10 774 4	2 05/ 2	6 717 6	E4 088 ^	26 856 4
17 REGAMATINOUR SALES AT CUST 18 MEGAWATTHOUR SALES AT GEN	E99P	E99		18,324.0	2,956.0	5,717.0	54,988.0	26,854.0
	E10P	ElD		19,454.0	3,110.0	6,108.0	58,992.0	28,019.0
19 EMERGY COST RESPONSIBILITY	ECOST	ECOST		0.00710	0.00115	0.00220	D.02135	0.00940

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EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 H.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST

DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

AME ON REV REQ ALLOC
LEVELIZED ROR @ 10.16%

TABLE 11 - ALLOCATION FACTORS

				TOTAL C	0 H P A	N Y	
					RESIDENTIA		
			TOTAL		SSI	SPACE HT	TOU
			COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
	Out	In	Alloc				
CUSTOMER RELATED							
1 SERVICES	CP369	CP369	99.9999	77.0560	8.0839	1.9530	0.0179
2 METERS	CP370	CP370	99.9 999	33.7206	4.2035	2.5323	0.1166
3 AVG ANNUAL CUSTOMERS	010	C10	237 ,774	137,738	14,519	6,602	45
4 WEIGHTED ANNUAL CUSTOMERS	C11		237,774	137,738	14,519	6,602	45
5 587-OTHER CUST INST	C12	C12	182,440	137,738	14,519	6,602	45
6 CUSTOMERS - PRIMARY	C30	C30	68	0	0	0	D
7 CUSTOMERS - SECONDARY	C32	C32	237,706	137,738	14,519	6,602	45
8 CUSTOMERS - MASSAVE	C33	C33	182,441	137,738	14,519	6,602	45
9 RESIDENTIAL CUST ONLY	CRES	CRES	158,904	137,738	14,519	6,602	45
10 RESIDENTIAL & COMM CUST	CRESCM	CRESCH	182,373	137,738	14,519	6,602	45
11 DIR ASSIGN - PVT LICHTING	C371	C371	1	0	0	· o	0
12 DIR ASSIGN - WTR HTR	C372	C372	1	0	0	0	Û
13 DIR ASSIGN - ST LIGHTING	C373	C373	1	a	ů.	. 0	Ō
14 RCUST WTG - METER READING	CW902R	CW902R	źz.00 ·	1.00	1.00	1.00	1.10
15 RCUST WTG - CUST RECORDS	CW903R	CW903R	299.26	19.26	21.78	19.26	19.26
16 RCUST WTG - CUST ASST	CW908R	CW908R	968.55	1.45	1.45	1.45	1.45
17 RCUST WTG - INFO & INSTRUCT	CW909R	CW909R	4.00	1.00	1.00	1.00	1.00
18 RCUST WTG - DEMO & SELLING		CW912R	2,084.10	0.00	0.00	0.00	D.00
19 ROUST WTG - ADVERTISING		CW913R	0.00	0.00	0.00	0.00	0.00
20 RCUST WTG - MISCELLANEOUS		CW916R	21.74	1.50	1.80	1.80	1.78
21 CUST WTG - METER READING	CM905		208,233	137,738	14,519	6,602	50
22 CUST WTG - CUST RECORDS	CW983		4,447,564	2,652,283	316,253	127,128	867
23 CUST WTG - UNCOLLECT ACCTS	CH904	CH904	1,777,794	861,062	260,969	120,655	0
24 CUST WTG - CUST ASSIST	CM908		659,949	199,307	21,009	9,553	65
25 CUST WTG - INFO & INSTRUCT	CW909		158,904	137,738	14,519	6,602	45
26 CUST WTG - DEMO & SELLING	CW912		82,669	137,730	0	0,002	0
27 CUST WTG - ADVERTISING	CW913		0	b	ů	ă	0
28 CUST WTG - MISCELLANEOUS	CW916		328,392	247,928	26,134	11,884	80
29 CUSTOMER DEPOSITS	CDREV	CDREV	1,100,631	300	20,134 A	11,004	0
30 FORFEITED DISCOUNTS	R450	R450	143,008,362	344	0	0	0
20 TOM ETTED BIBODONIG	K420	K430	143,484,302	·	v	υ	v
INTERNALLY DEVELOPED ALLOCATI	ON FACTO	IRS		•			
31 SUM OF ACCTS 352 & 353	P3523		0	0	0	0	o
32 SUM OF ACCTS 354 & 355 & 356			ň	n n	ā	0	ů
33 SUM OF ACCTS 361 & 362	P3612		22,777,159	7,905,527	654,214	1,254,475	6,077
34 SUM OF ACCTS 364 & 365	P3645		76,260,966	27,049,873	2,238,485	4,292,363	
35 SUM OF TRANS & DIST PLANTS	TD		207,213,060	76,720,141	6,790,659		20,793
36 TOTAL LABOR BEFORE A & G	LABOR1		8,858,157	3,588,305		10,197,522	63,259
OF TOTAL PADON BELONE & & C	FWMOK1		0,030,137	3,300,505	348,037	384,658	3,321
37 REV REGMT A&G ALLOC	AGRR		62,996,947	25,095,910	2,544,353	2,894,411	19,483
38 TAD PLT W/O RENT WTR HEATERS	TD1		207,213,060	76,720,141	6,790,659	10,197,522	63,259
39 DIST PLT W/O RENT WIR HEATERS			207,213,060	76,720,141	6,790,659	10,197,522	63,259
40 PLT IN SER W/O RENT WIR HEAT	PEPIS1		220,405,307	82,025,561	7,309,542		
			220,703,307	02,459,361	7)307)34 2	10,763,385	68,549

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EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS HULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST

DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

ASG ON REV REQ ALLOC

LEVELIZED ROR 2: 10.16%

TABLE 11 - ALLOCATION FACTORS

					T 0	TALC	0 # P A	w v	
						GENERAL SI			
				SM.GEN.SVC	MD.GEN.SVC	LG.GEN.SVC		PRI GEN SVC	TOU
				RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
	Out	In	Alloc						A
CUSTOMER RELATED									
1 SERVICES	CP369	CP369		7.4564	3.9693	0.0383	0.6845	0.7274	0.0132
2 METERS	CP370	CP370		11.9779	18.2702	0.2981	1.3803	1.3397	0.2434
3 AVG ANNUAL CUSTOMERS	C18	C10		16,626	6,570	85	34	33	70
4 WEIGHTED ANNUAL CUSTOMERS	C11			16,626	6,570	85	34	33	70
5 587-OTHER CUST INST	C12	C12		16,626	6,570	85	34	33	70
6 CUSTOMERS - PRIMARY	C30	C30		0	0	0	34	33	0
7 CUSTOMERS - SECONDARY	C32	C32		16,626	6,570	85	0	0	70
8 CUSTOMERS - MASSAVE	C33	C33		16,626	6,570	85	34	33	70
9 RESIDENTIAL CUST ONLY	CRES	CRES		0	. 0	Ð	Ď	0	
10 RESIDENTIAL & COMM CUST	CRESCH	CRESCM		16,626	6,570	85	0	0	70
11 DIR ASSIGN - PVT LIGHTING	C371	C371		0	0	0	0	Ď	0
12 DIR ASSIGN - WTR HTR	C372	C372		D	0	o	Ō	ā	ŏ
13 DIR ASSIGN - ST LIGHTING	C373	C373		0	0	0	0	ā	Ď
14 RCUST WTG - METER READING	CH902R	CW902R		2.00	2.10	2.10	3.10	3.10	2.10
15 ROUST WTG - CUST RECORDS	CW903R	CW903R		21.78	21.78	21.78	21.78	21.78	21.78
16 RCUST WTG - CUST ASST	CW908R	CW908R		15. 9 7	15.97	294.12	15.97	294.12	15.97
17 RCUST WTG - IMFD & INSTRUCT	CW909R	C₩909R		0.00	0.00	0.00	0.00	0.00	0.00
18 RCUST NTG - DEMO & SELLING	CW912R	CW912R		0.00	0.00	694.70	0.00	694.70	0.00
19 RCUST WTG - ADVERTISING	CW913R	CH913R		0.08	0.00	0.00	0.00	0.00	0.00
20 RCUST WTG - MISCELLANEOUS	CW916R	CW916R		1.80	1.80	1.80	1.77	1.79	1.80
21 CUST WTG - METER READING	CW902			33,252	13,797	179	105	102	147
22 CUST WTG - CUST RECORDS	CW903			362,148	143,108	1,851	741	719	1,525
23 CUST WTG - UNCOLLECT ACCTS	CW904	CW904		63,792	308,655	51,293	44,203	0	49,668
24 CUST WTG - CUST ASSIST	CW908			265,534	104,929	25,000	543	9,706	1,118
25 CUST WTG - INFO & INSTRUCT	CW909			0	d	0	0	7,7.00	0
26 CUST WTG - DEMO & SELLING	CW912			0	0	59,050	0	22,925	
27 CUST WTG - ADVERTISING	CW913			D	0	0	ā	22,723	Ď
28 CUST WTG - MISCELLAMEOUS	CW916			29,927	11,826	153	60	59	126
29 CUSTOMER DEPOSITS	CDREV	CDREV		314,101	697,930	0	33,000	51,700	0
30 FORFEITED DISCOUNTS	R450	R450		12,842,164	78,822,763	26,262,776	2,606,463	15,078,292	5,526,870
				,,	, ,		1,010,105	15,474,276	3,320,070
INTERNALLY DEVELOPED ALLOCATI	ON FACTO	ORS							
31 SUM OF ACCTS 352 & 353	P3523			0	0	0	0	0	0
32 SUN OF ACCTS 354 & 355 & 356	P3546			0	Đ	0	0	n	n
33 SUM OF ACCTS 361 & 362	P3612			979,776	6,862,464	2,060,844	262,209	1,336,092	377,803
34 SUN OF ACCTS 364 & 365	P3645			3,352,443	23,534,315	7,061,603	630,387	3,291,283	1,292,706
35 SUM OF TRANS & DIST PLANTS	TD			10,109,976	55,395,099	16,394,495	1,503,564	6,976,592	2,917,146
36 TOTAL LABOR BEFORE A & G	LABOR1			713,163	1,961,549	498,680	61,846	248,158	92,127
				,	-,, -, -, , , ,	,	01,040	2-0,400	76,161
37 REV REGHT A&G ALLOC	AGRR			4,041,942	14,587,109	4,148,621	449,402	1,865,678	776,803
38 T&D PLT W/O RENT WTR HEATERS	TD1			10,109,976	55,395,099	16,394,495	1,503,564	6,976,592	2,917,146
39 DIST PLT W/D RENT WTR HEATERS				10,109,976	55,395,099	16,394,495	1,503,564	6,976,592	2,917,146
40 PLT IN SER W/O RENT WTR HEAT	PEPIS1			11,181,817	58,307,563	17,117,922	1,598,935	7,340,561	3,051,631
				,,,	20,000,000	, / , / \	2,370,733	,)OTO , 201	2,431,031

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EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REQNT. (REV - 01)

RATE BASE = 6/30/96

AEG ON REV REQ ALLOC

LEVELIZED ROR 2 10.162

TABLE 11 - ALLOCATION FACTORS

				T A T				
				T 0 T			N Y	
				HEATING		OFF PEAK		
				COM SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
•				RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-1
	Out	In	Alloc					
CUSTOMER RELATED								
1 SERVICES	CP369	CP369		0.000	0.000	0.0000	0.0000	0.0000
2 METERS	CP370	CP370		0.2365	0.3499	0.0406	25.2903	0.0000
3 AVG ANNUAL CUSTOMERS	CIB	C10		118	176	1	17,102	38,055
4 WEIGHTED ANNUAL CUSTOMERS	Cll			118	176	1	17,102	38,055
5 587-DTHER CUST INST	C12	C12		118	0	0	0	. 0
6 CUSTOMERS - PRIMARY	C30	C30		0	0	1	0	0
7 CUSTOMERS - SECONDARY	C32	C32		118	176	0	17,102	38,055
8 CUSTOMERS - MASSAVE	C33	C33		118	0	1	0	,
9 RESIDENTIAL CUST ONLY	CRES	CRES		O	0	0	0	0
10 RESIDENTIAL & COMM CUST	CRESCH	CRESCH		118	0	ō	ŏ	0
11 DIR ASSIGN - PVT LIGHTING	C371	C371		0	ŏ	ō	ō	1
12 DIR ASSIGN - WTR HTR	C372	C372		0	ŏ	ō	i	0
13 DIR ASSIGN - ST LIGHTING	C373	C373		0	n	o o	0	
14 RCUST WTG - HETER READING		CW90ZR		0.10	0.10	3.10		1
15 RCUST WTG - CUST RECORDS		CW903R		21.78	15.15		0.10	0.00
16 RCUST WTG - CUST ASST		CW908R				21.78	15.15	15.15
17 RCUST WTG - IMFO & INSTRUCT		CW909R		15.97	0.00	294.12	0.00	0.55
18 RCUST WTG - DEMO & SELLING				0.00	0.00	0.00	0.00	0.00
		CW912R		0.00	0.00	694.70	0.00	0.00
19 RCUST WTG - ADVERTISING		CW913R		0.00	0.00	0.00	0.00	0.00
20 RCUST WTG - MISCELLANEOUS		CW916R		1.81	Q.DD	2.00	0.90	0.00
21 CUST WTG - METER READING	CW902			12	18	3	1,710	Û
22 CUST WTG - CUST RECORDS	CW903			2,570	2,667	22	259,112	576,571
23 CUST HTG - UNCOLLECT ACCTS	CW904	CH904		0	990	0	16,507	Ů
24 CUST WTG - CUST ASSIST	CW908			1,885	Ð	294	0	21,006
25 CUST WTG - INFO & INSTRUCT	CW909			0	0	0	0	0
Z6 CUST MTG - DEMO & SELLING	CW912			D	0	695	0	0
27 CUST WTG - ADVERTISING	CW913			0	0	0	D	0
28 CUST WTG - MISCELLANEOUS	CW916			213	0	2	0	Ó
29 CUSTOMER DEPOSITS	CDREV	CDREV		0	Ð	0	0	3,600
30 FORFEITED DISCOUNTS	R450	R450		1,869,034	0	Q.	0	0
INTERNALLY DEVELOPED ALLOCATI		DRS						
31 SUM DF ACCTS 352 & 353	P3523			0	0	0	a	0
32 SUM OF ACCTS 354 & 355 & 356	•			0	0	0	. 0	0
33 SUM OF ACCTS 361 & 362	P3612			319,049	41,060	186,635	2 9 1,385	239,547
34 SUM OF ACCTS 364 & 365	P3645			1,091,672	140,494	447,892	99 7,014	819,644
35 SUM OF TRANS & DIST PLANTS	TD			2,465,424	355,612	940,671	5,259,457	11,123,443
36 TOTAL LABOR BEFORE A & G	LABOR1		,	78,137	14,238	32,153	416,339	417,447
37 REV REGHT A&G ALLOC	AGRR		·	608,840	97,457	260 815	0.100.447	T FAT /
38 T&D PLT W/O RENT WTR HEATERS	TD1			•	-	240,815	2,122,443	3,503,680
39 DIST PLT W/O RENT WTR HEATERS				2,465,424	355,612	940,671	5,259,457	11,123,443
40 PLT IN SER W/O RENT WIR HEAT	PEPIS1			2,465,424	355,612	940,671	5,259,457	11,123,443
TO FEE IN SER WID RENT WIN HEAT	LCL121			2,579,434	377,702	9 8 7,232	5,969,384	11,726,087

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EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC

LEVELIZED ROR @ 10.16%

TABLE 12 - REVENUE REQUIREMENTS

		INDEE IS MEASURE KEARTI	KEMEN I S			
			TOTAL C	0 M P A N	Y	
				RESIDENTIAL	SERVICE	
		TOTAL		SSI	SPACE HT	тоџ
		COMPANY	RATE R-1	RATE R-2	RATE R-3	
	Out In	Alloc	RAIC K-1	RAIL R-Z	KAIE #-3	RATE R-4
	out In	ATTOC				
1 RATE OF RETURN	RATE	10.16	10.16	10.16	10.16	10.16
RETAIL JURISDICTION						
2 COST TO SERVE	COST	259,705,058	90,388,961	7,936,031	9,501,983	42 941
	000,	2377.237030	90,500,901	7,730,031	7,301,703	62,841
•						
2 DECENT TOTAL DEVENIES	TODEDU DAA	300 30F 171				
3 PRESENT TOTAL REVENUES	TPRERV ROO	259,705,131	93,472,038	5,257,175	8,800,605	51,896
					•	
						•
4 REV DEF FROM PRES COST OF SER	REVDEF	-73	-3,083,077	2,678,856	701,37 9	10,945
5 PERCENT INCREASE REQUIRED	INCRA	-0.00	-3.30	50.96	7. 9 7	21.09

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EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST

DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

ASG ON REV REQ ALLOC
LEVELIZED ROR 2 10.16%

TABLE 12 - REVENUE REQUIREMENTS

			T 0		•	1 Y	
	Out In Al	SM.GEN.SVC RATE G-1	MD.GEN.SVC RATE G-2	LG.GEN.SVC RATE G-4	PRI GEN SVC RATE G-5	PRI GEN SVC RATE G-6	TOU RATE T-2
1 RATE OF RETURN	RATE	10.16	10.16	10.16	10.16	10.16	10.16
RETAIL JURISDICTION							
2 COST TO SERVE	COST	12,337,988	73,587,924	27,189,932	2,475,018	15,004,812	5,722,771
3 PRESENT TOTAL REVENUES	TPRERY ROO	12,706,163	77,948,292	25,909,264	2,608,748	15,042,132	5,450,468
4 REV DEF FROM PRES COST OF SER	REVDEF	-368,176	-4,360,369	1,280,668	-133,730	-37,320	272,303
5 PERCENT INCREASE REQUIRED	INCRA	-2.90	-5.59	4.94	-5.13	-0.25	5.00

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EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

AEG ON REV REQ ALLOC

LEVELIZED ROR D 10.16%

TABLE 12 - REVENUE REQUIREMENTS

					T	0 '	T A	L C	_	M P	-	N	Y	
					HE	ATING	SERV:	ICE		DFF P	EAK			
				CC	OM SPC	HTG	GE	EN HTG		STAND	BΥ	- 1	WATER HTG	LIGHTING
					RATE	H-1	R/	ATE H-2		RATE	A-6		RATE W-1	RATE S-1
	Out	In	Alloc											
1 0175 05 055000					_									
1 RATE OF RETURN	RATE				11	0.16		10.16		1	0.16		10.16	10.16
RETAIL JURISDICTION														
2 COST TO SERVE	COST				2,025	547	3	325,407		697	,565		6,428,914	6,019,363
3 PRESENT TOTAL REVENUES	TPRERV	ROO			1,850	,845	Z	94,653		60 9	,522		5,176,791	4,526,537
4 REV DEF FROM PRES COST OF SER	REVDEF				174,	,701		30,754		88	,043		1,252,123	1,492,826
5 PERCENT INCREASE REQUIRED	INCRA					.44		10.44		,	4.44		24.19	32.98
2 LEVOTHI THOUTHOU KEROTKED	THURN				7	, 44		10.44		1	4.44		24.17	32.90

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EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST

DIST. REV. REGMT. (REV - 01)

RATE BASE = 6/30/96

ASG ON REV REG ALLOC
LEVELIZED ROR 2 10.16%

TABLE 13 - RETAIL UNIT COSTS

						TOTAL C	0 M D 4	u u_	
						, 0 (M E C	O M P A	SERVICE	
					TOTAL		SSI	SPACE HT	
					COMPANY	RATE R-1	RATE R-2	RATE R-3	TOU
		Out	In	Alloc	, 	MAIL K.	NAIL K-Z	KAIE K-3	RATE R-4
DEVELOPME	NT OF RETAIL REVENUE	REQUIR	EMENTS						
1 RATE OF RE	TURN	RATE			10.14				
	TAL OPERATING REVEN		ROO		10.16	10.16	10.16	10.16	10.16
	NUE REQUIREMENT	RETRVR			259,705,131	93,472,038	5,257,175	8,800,605	51,896
4 REVENUE DE			REVDEF		259,705,058	90,388,961	7,936,031	9,501,983	62,841
· HEVERIEL D	. 1012401	KE VKC I	KEADEL		-73	-3,083,077	2 ,678,85 6	701,379	10,945
CUSTOMER C	OMPONENT								
5 TOTAL CUST	OMER REV REQUIRMENT	REVRQC			24,913.034	11,970,496	1,531,218	6EB 810	0.454
6 REV DEF FR	NOM PRES COST OF SER	RVDEFC			1,194,233	-408,302	516,872	659,819 48,704	9,454
7 AVG ANNUAL	CUSTOMERS	C10	C10		237,774	137,738	14.519	6,602	1,647
8 TOTAL REV	REQUIRED \$/MD/CUST	REV1			8.73	7.24	8.79	8.33	45 17.51
9 REVENUE RE	QUIRED \$/CUSTOMER	REV1A			104.78	86.91	105.46	99.94	210.08
							243140	771.74	210.00
COMMODITY	COMPONENT								
10 TOTAL ENER	GY REV REQUIREMENT	REVRQE			47,543,361	15,676,573	1,265,732	1,569,361	10.220
11 REV DEF FR	OM PRES COST OF SER	RVDEFE			-265,161	-534,712	427,256	115,841	1,780
12 MEGAWATTHO	UR SALES AT CUST	E99P	E99		2,607,473	855,187	69,317	87.057	563
13 TOTAL REV	REQUIRED(CENTS/KWH)	REV2			1.82	1.83	1.83	1.80	1.82
CAPACITY C	OMPONENT								
14 TOTAL DEMA	ND REV REQUIREMENT	REVROD			187,248,662	47 761 801	£ 170 000	7	/= ·
	OM PRES COST OF SER				-929,145	62,741,891 -2,140,063	5,139,080 1,734,728	7,272,803	43,167
	MAND IN KILOWATTS		D 99		16,292,693			536,834	7,518
17 TOTAL REV		REV3			11.49	8,918,052 7.04	616,139 8.34	703,962	4,926
	QUIRED IN CENTS/KWH				7.18	7.04 7.34	0.34 7.41	10.33	8.76
	123/ N MI				7.10	7.34	7.41	8.35	7.67
19 ENERGY & C	APACITY CENTS /KWH	₽EV3B			9.00	9.17	9.24	10.16	9.48

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EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST

DIST. REV. REQMT. (REV - 01)

RATE BASE = 6/30/96

AAG ON REV REQ ALLOC
LEVELIZED ROR # 10.16%

TABLE 13 - RETAIL UNIT COSTS

				TA	BLE 13 - RETAI					
						Т О		0 M P A	N Y	
					ON OF 1		GENERAL S			
					SM.GEN.SVC		LG.GEN.SVC		PRI GEN SVC	TOU
		Out	In	Alloc	RATE G-1	RATE G-Z	RATE G-4	RATE G-5	RATE G-6	RATE T-2
		out	111	AIIUC						
	EVELOPMENT OF RETAIL REVENUE	REQUIR	EMENTS							
	ATE OF RETURN	RATE			10.17					
	RESENT TOTAL OPERATING REVEN		R00		10.16 12,706,163	10.16	10.16	10.16	10.16	10.16
	OTAL REVENUE REQUIREMENT	RETRVR			12,337,988	77,948,292 73,587,924		2,608,748		5,450,468
	EVENUE DEFICIENCY		REVDEF		-368,176	-4,360,369	27,189,932 1,280,668	2,475,018	,,	5,722,771
			KETDE		300,170	4,300,307	1,200,000	-133,730	-37,320	272,303
CI	USTOMER COMPONENT									
5 TO	OTAL CUSTOMER REV REQUIRMENT	REVROC			2,602,331	2,150,397	208,471	151,256	150,870	75.624
	EV DEF FROM PRES COST OF SER				-77,656	-127,419	9,819	-8,173	-375	75,624 3.598
7 AV	VG ANNUAL CUSTONERS	C10	C10		16,626	6,570	85	34	33	70
8 T0	DTAL REV REQUIRED \$/MO/CUST	REV1			13.04	27.28	204.38	370.73	380.99	90.03
9 RE	EVENUE REQUIRED \$/CUSTOMER	REV1A			156.52	327.31	2,452.60	4,448.70	4,571.82	1,080.34
cc	DMHODITY COMPONENT				•					
10 70	DIAL ENERGY REV REQUIREMENT	DELMOF			1 657 171	1/ 5/0 414				
	EV DEF FROM PRES COST OF SER				1,956,331 -58,379	14,540,812 -861,5 99	5,650,988	501,015	3,209,331	1,202,540
	EGAWATTHOUR SALES AT CUST	E99P	E99		106,102	792,271	266,166 312,894	-27,071 27,529	-7,982	57,220 67,781
	OTAL REV REQUIRED (CENTS/KWH)				1.84	1.84	1.81	1.82	179,933 1.78	1.77
					2.2.		1.01	2.02	1	1.,,
CA	APACITY COMPONENT									
14 TO	TAL DEMAND REV REQUIREMENT	REVROD			7,779,326	56,8 96 ,715	21,330,474	1,822,746	11,644,611	4,444,608
15 RE	V DEF FROM PRES COST OF SER	RVDEFD			-232,141	-3,371,350	1,004,683	-98.487	-28,963	211,485
16 BI	LLING DEMAND IN KILOWATTS	D 99	D99		742,750	2,823,625	762,756	86,784	489,456	143,079
17 TO	TAL REV REQ (\$/KW)	REV3			10.47	20.15	27.97	21.00	23.79	31.06
18 RE	VENUE REQUIRED IN CENTS/KWN	REV3A			7.33	7.18	6.82	6.62	6.47	6.56
19 EN	ERGY & CAPACITY CENTS /KWH	REV3B			9.18	9.02	8.62	8.44	8.26	8.33

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EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-ENIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGHT. (REV - 01)
RATE BASE = 6/30/96
A2G ON REV REQ ALLOC
LEVELIZED ROR 2 10.16%

TABLE 13 - RETAIL UNIT COSTS

				MADE IS KEINIC ONI) COST	3			
				T 0	TALC	0 M P A	H A	
				HEATI	NG SERVICE	OFF PEAK		
				COM SPC HT	G GEN HTG	STANDBY	WATER HTG	LIGHTING
				RATE H-	1 RATE H-2	RATE A-6	RATE W-1	RATE S-1
	Dut	In	Alloc					
DEVELOPMENT OF RETAIL REVENU	E REQUIR	EMENTS						
1 RATE OF RETURN	RATE			10.1	6 10.16	10.16	10.16	10.16
2 PRESENT TOTAL OPERATING REVE	N PREV	ROO		1,850,84			5,176,791	
3 TOTAL REVENUE REQUIREMENT	RETRVR	COST		2,025,54	•	•	6,428,914	
4 REVENUE DEFICIENCY		REVDEF		174,70	_	88,043	1,252,123	1,492,826
		,		214,714	1 40,754	00,043	1,050,100	1,472,020
CUSTONER COMPONENT								
5 TOTAL CUSTOMER REV REQUIRMEN	r PFVRQC			22,02	5 24,683	3,898	1,815,310	3,537,182
6 REV DEF FRON PRES COST OF SE				1,90	•	492	353.558	677,235
7 AVG ANNUAL CUSTOMERS	C10	C10		113		1	17,102	38,055
8 TOTAL REV REQUIRED \$/HO/CUST		014		15.5		324.87	8.85	7.75
9 REVENUE REQUIRED \$/CUSTOMER	REVIA			186.60		3,898.40	106.15	92,95
, include including to the following	KETEN			100.00	0 140.24	3,070.40	100.13	76.73
COMMODITY COMPONENT								
10 TOTAL ENERGY REV REQUIREMENT	REVRQE			337,94	4 54,633	104,659	1,015,884	447,336
11 REV DEF FROM PRES COST OF SE	RVDEFE			29,14	-	13,210	197,858	110,941
12 MEGAWATTHOUR SALES AT CUST	E99P	E99		18.32	•	5,717	54,988	26,854
13 TOTAL REV REQUIRED(CENTS/KWH	REV2			1.84	4 1.85	1.83	1.85	1.67
CAPACITY COMPONENT								
14 TOTAL DEMAND REV REQUIREMENT	REVROD			1,665,577	7 246,092	58 9 ,007	3,597,721	2,034,845
15 REV DEF FROM PRES COST OF SEI				143,654	•	74,342	700,708	504,650
16 BILLING DEMAND IN KILOWATTS	D99	D99		82,233	•	46,348	775,888	77,021
17 TOTAL REV REQ (\$/KW)	REV3	5,,		20.2	•	12.71	4.64	26.42
18 REVENUE REQUIRED IN CENTS/KWI				9.09		12.71	4.64 6.54	26.42 7.58
10 KEYENDE KENDIRED IN CENTS/KWI	. ALVJA			9.03	7 0.33	10.50	0.54	7.56
19 ENERGY & CAPACITY CENTS /KWH	REV3B			10.93	3 10.17	12.13	8,39	9.24
							/	

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EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)
RATE BASE = 6/30/96
A&G ON REV REG ALLOC
LEVELIZED ROR = 10.16%

TABLE 14 - FUNCTIONALIZATION

						T 0 T A L C	DMPA	N Y	
							RESIDENTIA	L SERVICE	
					TOTAL		SSI	SPACE HT	TOU
					COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4
	DATE OF OCTUPE	Out	In	Alloc					
	RATE OF RETURN	RATE			10.16	10.16	10.16	10.16	10.16
2	TOTAL REVENUE REQUIREMENT	TOTREV			259,705,058	90,388,961	7,936,031	9,501,983	62,841
	FUNCTIONALIZATION OF CAPACITY	COMPON	ENT UF	COST					
3	TOTAL DEMAND REV REQUIREMENT	DEVDAT			197 269 772	(0.7(1.00)			
_	PRODUCTION FUNCTION	METRED			187,248,662	62,741,891	5,139,080	7,272,803	43,167
4	DEMAND REVENUE REQUIRED-PROD	REVP			139,209,827	45,671,365	3,727,006	4,580,975	30,079
	BILLING DEMAND IN KILDWATTS	D99	D99		16,292,693	8,918,052	616,139	703,962	4,926
- 6	UNIT COST IN \$/KW	REV3PA			8.54	5.12	6.05	6.51	6.11
7	MEGAWATTHOUR SALES AT CUST	E99P	E99		2,607,473.0	855,187.0	69,317.0	87,057.0	563.0
8	ENERGY COST RESPONSIBILITY	ECOST			1,00000	0.32947	0.02660	0.03298	0.00021
9	EQUIV COST IN CENTS/KWH	REV3PB			5.34	5.34	5.38	. 5.26	5.34
						2,2.		. 3120	3.34
	TRANSMISSION FUNCTION								
	DEMAND REVENUE REQUIRED-TRAN	REVT			0	0	0	Q	0
	BILLING DEMAND IN KILOWATTS	D 99	D99		16,292,693	8,918,052	616,139	703,962	4,926
	UNIT COST IN \$/KW	REV3TA			0.00	0.00	0.00	0.00	0.00
	MEGAWATTHOUR SALES AT CUST	E99P	£99		2,607,473.0	855,187.0	69,317.0	87,057.0	563.0
14	EQUIV COST IN CENTS/KWH	REV3TB			0.00	0.00	0.00	0.00	0.00
	DISTRIBUTION FUNCTION								
15	DEMAND REVENUE REQUIRED-DIST	REVD			48,038,835	17,070,527	1,412,074	2,691,878	13,088
	BILLING DEMAND IN KILDWATTS	D99	D99		16,292,693	8,918,052	616,139	703.962	4,926
	UNIT COST IN \$/KW	REV3DA			2.95	1.91	2.29	3.82	2.66
	MEGAWATTHOUR SALES AT CUST	E99P	E99		2,607,473.0	855,187.0	69,317.0	87,057.0	563.0
19	EQUIV COST IN CENTS/KWH	REV3DB			1.84	2.00	2.04	3.09	2.32
								0117	-132
	FUNCTIONALIZATION OF CUSTOMER	COMPONE	NT OF	COST					
	TOTAL CUSTOMER REV REQUIRMENT				24,913,034	11,970,4 96	1,531,218	659, 8 19	9,454
	AVG ANNUAL CUSTOMERS	C10	C10		237,774	137,738	14,519	6,602	45
	TOTAL REV REQUIRED \$/MO/CUST	REV1			8.73	7.24	8.79	8.33	17.51
Z 3	REVENUE REQUIRED \$/CUSTOMER	REVIA			104.78	86.91	105.46	99. 94	210.08
	FUNCTIONALIZATION OF ENERGY	COMPONE	NT OF	COST					
24	TOTAL ENERGY REV REQUIREMENT	REVRUE			47,543,361	15 474 577	1 946 772	1 640 761	10 222
	MEGAWATTHOUR SALES AT CUST		E99		2,607,473	15,676,573	1,265,732	1,569,361	10,220
	TOTAL REV REQUIRED (CENTS/KWH)		_,,		1.82	855,187	69,317	87,057	563
20	TOTAL RESOURCE (CERTS/KMI)	NC TE			1.02	1.83	1.83	1.80	1.82

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EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 H.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST

DIST. REV. REQMT. (REV - D1)

RATE BASE = 6/30/96

A&G ON REV REQ ALLOC

LEVELIZED ROR @ 10.16%

TABLE 14 - FUNCTIONALIZATION

		TAL COMPANY							
				SM.GEN.SVC	MD.GEN.SVC	LG.GEN.SVC	PRI GEN SVC PRI GEN SVC		TOU
				RATE G-1	RATE G-2	RATE G-4	RATE G-5	RATE G-6	RATE T-2
		Out	In Alloc	5					KAIL , L
I	RATE OF RETURN	RATE		10.16	10.16	10.16	10.16	10.16	10.16
2	TOTAL REVENUE REQUIREMENT	TOTREV	COST	12,337,988	73,587,924	27,189,932	2,475,018	15,004,812	5,722,771
	FUNCTIONALIZATION OF CAPACITY	COMPONE	NT OF COST		, ,	,,	-,,,,,,	13,000,012	3,,,,,,,,,,,
3	TOTAL DEMAND REV REQUIREMENT	REVROD		7,779,326	56,896,715	21,330,474	1,822,746	11,644,611	4,444,608
	PRODUCTION FUNCTION					,,	3,322,13	12,011,022	4,444,000
4	DEMAND REVENUE REQUIRED-PROD	REVP		5,701,332	42,128,327	16,732,279	1,452,593	9,632,746	7 620 627
5	BILLING DEMAND IN KILOWATTS	D99	D99	742,750	2,823,625	762,756	86,784	489,456	3,620,423 143,079
6	UNIT COST IN \$/KW	REV3PA		7.68	14.92	21.94	16.74	19.68	25.30
7	MEGAMATTHOUR SALES AT CUST	£99 P	E99	106,102.0	792,271.0	312,894.0	27,529.0	179,933.8	67,781.0
8	ENERGY COST RESPONSIBILITY	ECOST	ECOST	0.04131	0.30613	0.11877	0.01056	0.06749	0.02527
9	EQUIV COST IN CENTS/KWH	REV3PB		5.37	5.32	5.35	5.28	5.35	5.34
	TRANSMISSION FUNCTION								
10	DEMAND REVENUE REQUIRED-TRAN	REVT		0		_	_	_	_
	BILLING DEMAND IN KILOMATTS		D 99	742,750	7 837 / 35	7(2,75)	0	0	0
	UNIT COST IN \$7KW	REV3TA	D 7 7	0.00	2,823,625 0.00	762,756 0.00	86,784	489,456	143,079
	HEGAWATTHOUR SALES AT CUST		E99	106,102.0	792,271.0	312,894.0	0.00	0.00	0.00
	EQUIV COST IN CENTS/KWH	REV3TB		0.00	0.00	0.00	27,529.0 0.00	179,933.0 0.00	67,781.0 0.00
	DISTRIBUTION FUNCTION								
15	DEMAND REVENUE REQUIRED-DIST	REVD		2,077,993	14,768,388	6 EDR 1DE	770 152	2 011 0/5	##/ 1#F
	BILLING DEMAND IN KILOWATTS		D99	742,750	2,823,625	4,598,195 762,756	370,153 86,784	2,011,865 489,456	824,185
	UNIT COST IN S/KW	REV3DA		2.80	5.23	6.03	4.27	4.11	143,079
	HEGAWATTHOUR SALES AT CUST		E99	106,102.0	792,271.0	312,894.0	27,529.0	179,933.0	5.76
	EQUIV COST IN CENTS/KWH	REV3DB		1.96	1.86	1.47	1.34	1.12	67,781.0 1.22
	FUNCTIONALIZATION OF CUSTOMER	COMPONE	NT OF COST						
20	TOTAL CUSTOMER REV REQUIRMENT	DEVONC		2 402 771	2 150 707	200 / 71	151 054	154 000	
	AVG ANNUAL CUSTOMERS		C10	2,602,331 16,626	2,150,397 6,570	208,471 85	151,256 34	150,870	75,624
	TOTAL REV REQUIRED \$/MO/CUST	REV1	C 1 0	13.04	27.28	204.38	370.73	33	70
	REVENUE REQUIRED \$/CUSTOMER	REV1A		156.52	327.31	2,452.60	4,448.70	380.99 4,571.82	90.03 1,080.34
	FUNCTIONALIZATION OF ENERGY	COMPONE	NT OF COST						
24	TOTAL ENERGY REV REQUIREMENT	REVRQE		1,956,331	14,540,812	5,650,988	501,015	3,209,331	1 202 544
	HEGAWATTHOUR SALES AT CUST		E99	106,102	792,271	312,894	27,529	179,933	1,202,540
	TOTAL REV REQUIRED(CENTS/KWH)			1.84	1.84	1.81	1.82		67,781 1 77
	HET REGULED CENTS/RWII/	RETE		1.04	1.04	1.01	1.62	1.78	1.77

Run# 5404 PAGE 25- 3

EASTERN EDISON COMPANY ANNUAL COST OF SERVICE STUDY TWELVE MONTHS ENDING JUNE 30, 1996 M.D.P.U. DOCKET 96 - 24

ESSSD & TRANS MULTI-UNIT POD ESSSE ON KWH COST DIST PLT ON MCP 369 & 370 DIR CUST DIST. REV. REUNT. (REV - 01)

RATE BASE = 6/30/96

AAG ON REV RED ALLOC
LEVELIZED ROR > 10.16%

TABLE 14 - FUNCTIONALIZATION

		TABLE 14 - FUNCTIONALIZATION				
		T 0		OMPA	4	********
			SERVICE	OFF PEAK		
		COM SPC HTG	GEN HTG	STANDBY	WATER HTG	LIGHTING
		RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-1
	Out In A	llsc			•	
I RATE OF RETURN	RATE	10.16	10.16	10.16	10.16	10.16
2 TOTAL REVENUE REQUIREMENT	TOTREY COST	2,025,547	325,407	697,565	6,428,914	6,019,363
FUNCTIONALIZATION OF CAPACIT	Y COMPONENT OF CO	st				
+44						
3 TOTAL DEMAND REV REQUIREMENT	REVROD	1,665,577	246,092	589,007	3,597,721	2,034,845
PRODUCTION FUNCTION						
		502 400	157 046	717 407	2.960,424	1,518,361
4 DENAND REVENUE REQUIRED-PROD		982,099	157,925	313,893		
S BILLING DEMAND IN KILOWATTS	D99 D99	82,233	19,674	46,348	775,888	77,021
6 UNIT COST IN \$/KW	REV3PA	11.94	8.03	6.77	3.82	19.71
7 MEGAWATTHOUR SALES AT CUST	E99P E99	18,324.0	2,956.0	5,717.0	54,988.0	26,854.9
8 ENERGY COST RESPONSIBILITY	ECOST ECOST	0.00710	0.00115	0.00220	0.02135	0.00940
9 EQUIV COST IN CENTS/KWH	REV3PB	5.36	5.34	5.49	5.38	5.65
TRANSMISSION FUNCTION						
10 DEMAND REVENUE REQUIRED-TRAN	I REVT	0	0	0	0	0
11 BILLING DEMAND IN KILOWATTS	D99 D99	82,233	19,674	46,348	775,888	77,021
12 UNIT COST IN \$/KW	REVSTA	0.00	0.00	0.00	0.00	0.00
	E99P E99	18.324.0	2,956.0	5,717.D	54.988.0	26.854.0
13 MEGAWATTHOUR SALES AT CUST	REVSTB	0.00	0.00	0.00	0.00	0.00
14 EQUIV COST IN CENTS/KWH	KEASIB	5.00	0.00	0.00	5.55	
DISTRIBUTION FUNCTION						
15 DEMAND REVENUE REQUIRED-DIST	REVD	683.478	88,167	275,114	637,297	516,483
16 BILLING DEMAND IN KILOWATTS	D99 D99	82,233	19,674	46,348	775,888	77,021
17 UNIT COST IN \$/KW	REV3DA	8.31	4.48	5.94	0.82	6.71
18 MEGANATTHOUR SALES AT CUST	E99P E99	18,324.0	2,956.0	5,717.0	54,988.0	26,854.0
19 EQUIV COST IN CENTS/KHH	REV3DB	3.73	2.98	4.81	1.16	1.92
FUNCTIONALIZATION OF CUSTOME	R COMPONENT OF CO	s T				
		22 825	24,683	3,898	1.815,310	3,537,182
20 TOTAL CUSTOMER REV REQUIRMEN		22,025	176	3,070 1	17,102	38,055
21 AVG ANMUAL CUSTOMERS	C10 C10	118		_	•	-
22 TOTAL REV REQUIRED \$/MO/CUST		15.55	11.69	324.87	8.85	7.75
23 REVENUE REQUIRED S/CUSTOMER	REVIA	186.66	140.24	3,898.40	106.15	92.95
FUNCTIONALIZATION OF ENERGY	COMPONENT OF CO	ST				
24 TOTAL ENERGY REV REQUIREMENT	REVROE	337,944	54,633	104,659	1,015,884	447,336
25 MEGAHATTHOUR SALES AT CUST	E99P E99	18,324	2,956	5,717	54,988	26,854
26 TOTAL REV REQUIRED(CENTS/KWH		1.84	1.85	1.83	1.85	1.67
	· · · · · · · · · · · · · · · · · · ·					

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EASTERN EDISON COMPANY
AMNUAL COST OF SERVICE STUDY
THELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGMT. (REV - 01)
RATE BASE = 6/30/96
ANG ON REV REQ ALLOC
LEVELIZED ROR @ 10.16%

TABLE 14B FUNCTIONAL BREAK-OUT

					TOTAL C	OMPAN	Y			
						RESIDENTIAL SERVICE				
				TOTAL		SSI	SPACE HT	TOU		
				COMPANY	RATE R-1	RATE R-2	RATE R-3	RATE R-4		
	Out	In	Alloc				•			
1 RATE OF RETURN	RATE			10.16	10.16	10.16	10.16	10.16		
2 MEGAWATTHOURS AT CUSTOMER	E99	E99		2,607,473.000	855,187.000	69,317.000	87,057.000	563.000		
DISTRIBUTION FUNCTION										
3 ENERGY REVENUE REQUIRED-DIST	DREVIA			-37,695	-10	0	a	ø		
4 DEMAND REVENUE REQUIRED-DIST	REVD			48,038,835	17,070,527	1,412,074	2,691,828	13,088		
5 TOTAL CUSTOMER REV REQUIRMENT				24,913,034	11,970,496	1,531,218	659,819	9,454		
LESS:										
6 OTHER OF REV W/O PUCH PWR ADJ	DREV1B			1,844,819	497,394	43,529	49,021	316		
7 S.O.E. DIST REV. REGMT.	DREV1			71,069,356	28,543,620	2, 89 9,763	3,302,627	22,224		
8 REVENUE REGNT. CENTS/KWH	DREV2			2.73	3.34	4.18	3.79	3.95		

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EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
TWELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST DIST. REV. REGNT. (REV - 01)

RATE BASE - 6/30/96

AMG ON REV REG ALLOC
LEVELIZED ROR 0 10.16%

TABLE	14B	FUNCTIONAL	BREAK-OUT
TABLE	148	PUNCTIONAL	BREAK-UUI

					т о	TALC		н ү	
				SN.GEN.SVC RATE G-1	MD.GEN.SVC RATE G-2	GENERAL LG.GEN.SVC RATE G-4	PRI GEN SVC	PRI GEN SVC RATE G-6	TOU RATE T-Z
1 RATE OF RETURN	Out RATE	In	Alloc	10.16	10.16	10.16	10.16	10.16	10.16
2 MEGAWATTHOURS AT CUSTOMER	E99	E99		106,102.000	792,271.000	312,894.000	27,529.000	179,933.000	67,781.000
DISTRIBUTION FUNCTION									
3 ENERGY REVENUE REQUIRED-DIST	DREVIA			-9,304	-24,981	a	-1,217	-2,115	0
4 DEMAND REVENUE REQUIRED-DIST	REVD			2,077,993	14,768,388	4,598,195	370,153	2,011,865	824,185
5 TOTAL CUSTOMER REV REQUIRMENT LESS:	REVRAC			2,602,331	2,150,397	208,471	151,256	150,870	75,624
6 OTHER OP REV W/O PUCH PWR ADJ	DREV18			81,808	529,594	186,778	50,350	270,858	38,666
7 S.O.E. DIST REV. REQMT.	DREV1			4,589,212	16,3 6 4,209	4,619,887	469,842	1,889,763	861,143
8 REVENUE REGMT. CENTS/KWH	DREV2			4.33	2.07	1.48	1.71	1.05	1.27

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EASTERN EDISON COMPANY
ANNUAL COST OF SERVICE STUDY
THELVE MONTHS ENDING JUNE 30, 1996
M.D.P.U. DOCKET 96 - 24

E555D & TRANS MULTI-UNIT POD E555E ON KWH COST DIST PLT ON NCP 369 & 370 DIR CUST

DIST. REV. REGNT. (REV - 01)

RATE BASE = 6/30/96

AAG ON REV REG ALLOC

LEVELIZED ROR = 10.16%

TABLE 148 FUNCTIONAL BREAK-OUT

				HEATIN	T A L C G SERVICE	D M P A OFF PEAK	N Y	
				COM SPC HTG		STANDBY	WATER HTG	LIGHTING
	Out	In	41144	RATE H-1	RATE H-2	RATE A-6	RATE W-1	RATE S-1
1 RATE OF RETURN	RATE	411	Alloc	4			·	
	MIL			10.16	10.16	10.16	10.16	10.16
2 MEGAWATTHOURS AT CUSTOMER	E99	E99		18,324.000	2,956.000	5,717.000	54,988.000	26,854.000
DISTRIBUTION FUNCTION								
3 ENERGY REVENUE REQUIRED-DIST	DREV1A			·	0	0		
4 DEMAND REVENUE REQUIRED-DIST	REVD		-	683,478	88,167	275,114	0 677 207	-68
5 TOTAL CUSTOMER REV REQUIRMENT LESS:	REVROC			22,025	24,683	3,898	637, 297 1,815,310	516,483 3,537,182
6 OTHER OP REV W/O PUCH PWR ADJ	DREVIB			14,326	1,557	26,889	27,282	26,448
7 S.O.E. DIST REV. REGMT.	DREV1			691,177	111,293	252,123	2,425,324	4,027,149
8 REVENUE REQMT. CENTS/KWH	DREV2			3.77	3.76	4.41	4.41	15.00

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 1 UNBUNDLED RATES AND SUPPORTING DOCUMENTATION

VERIFICATION OF PRESENT RATE REVENUES

148 **189**

EASTERN EDISON COMPANY D.P.U. 36-24 Verification of Present Rate Revenues Year Ending June 30, 1996

		Rate R-1	Rate R-2	Rate R-3	Rate R-4	Rate G-1	Rate G-2
	PRESENT RATES:						·
1	. Customer Charge	1.50	0,98	2.00	8.82	1.50	0.05
	. Customer Charge (Rates RT/RU)			2.00	0.01	1.50	8.06
	. Demand Charge						12.08
	. Production Demand						
	. Distribution Demand . Maintenance Demand						
	. Maintenance pemand . Energy Charge	0.0000	•				
	. Peak Energy Charge	0.09226	0.05923	0.08012		0.10041	0.03758
	Peak Energy Charge (Rates RT/RU)				0.19795		
	Off-Peak Energy Charge				0.24589 0.05070		
	Off-Peak Energy Charge (Rates RT/RU)				0.03070		
12.	FCA Charge	0.01888	0.01884	0.01841	0.01875	0.01885	0.01894
	PPCA Charge	(0.00493)	(0.00503)	(0.00515)	(0.00497)	(0.00500)	
14.	CCA Charge	0.00135	0.00169	0.00704	0.00089	0.00362	0.00536
					·		
	Total Book France Change	0.10756	0.07473	0.10042		0.11788	0.05693
	Total Peak Energy Charge Total Off-Peak Energy Charge				0.21262		
±,,					0.06537		
							
	UNITS:				* 		
18.	Bills	1,652,850	174,228	79,228	F18		
19.	Bills (Rates RT/RU)	1,031,030	1/1,220	19,228	517 17	199,517	78,842
20.	Billed kW				1,		2 226 320 0
	Production Demand						2,736,329.0
	Distribution Demand						
	Maintenance Demand						
24.	Total kWhs	855,187,451	69,317,290	87,057,294	563,121	106,102,102	792,270,951
25.	Peak kWhs						
26.	Off-Peak kWhs				77,644 472.694		
27.	Peak kWhs (Rate RT)				2,506		
28.					10,277		
							• • • • • • • • • • • • • • • • • • • •
	REVENUES:				••		
	Customer	2,479,275	170,743	158,456	4,560	299,276	635,467
	Demand Production Demand						33,054,854
	Distribution Demand						
	Maintenance Demand						
	Energy	79 000 504	4 305 663	£ 055 030			
	FCA	16,053,034	4,105,663 1,305,995	0,9/5,030			
	PPCA	(4.214.323)	(348 494)	1,003,08/ (44R 503)	10,559		
37.	CCA	1,153,147	(348,424) 117,037	612,829	(2,798) 502	(530,165)	(3,918,000) 4,245,557
38.	- Total Revenue						
			J,JJ2,V13	0,200,833	53,015	12,807,058	78,795,576
	Booked Revenue		5,334,628			12,812,236	78,810,937
40.	Ratio of Booked Rev to Calculated Rev	1.00012660	0.99693768	1.00007736	0.99132240	1.00040434	1.00019495
				**=======	.========		

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EASTERN EDISON COMPANY

D.P.U. 96-24

Verification of Present Rate Revenues

Year Ending June 30, 1996

		Rate T-2	Rate G-4	Rate G-5	Rate G-6	Rate H-1
	PRESENT RATES:					
	. Customer Charge	14.28	19.81	48.76	48.76	6.00
	. Customer Charge (Rates RT/RU)				-0.70	0.00
	. Demand Charge	12.49	12.00	9.50	9.50	
	. Production Demand					
	. Distribution Demand					
	Maintenance Demand					
	. Energy Charge . Peak Energy Charge					0.08321
		0.04430	0.04631	0.05310	0.05310	
	. Peak Energy Charge (Rates RT/RU) . Off-Peak Energy Charge					
	. Off-Peak Energy Charge (Rates RT/RU)	0.03530	0.03731	0.04500	0.04500	
	. FCA Charge					
	. PCA Charge	0.01897	+	0.01903		
	-	(0.00493)	•	(0.00494)	(0.00496)	(0.0051)
14.	. CCA Charge	0.00536	0.00243	0.00517	0.00207	0.00518
1 6	Total France Change					
	Total Energy Charge					0.10169
	Total Peak Energy Charge	0.06369	0.06270	0.07236	0.06918	
17.	Total Off-Peak Energy Charge	0.05469	0.05370	0.06426	0.06108	
	••	·		·		
	UNITS:					
18.	Bills	837	1,022	402	395	1,418
19.	Bills (Rates RT/RU)		-		333	1,410
20.	Billed kW	135,697.0	735,800.0	80.295.0	398.472.0	
21.	Production Demand			,	333,17210	
22.	Distribution Demand					
23.	Maintenance Demand					
24.	Total kWhs	67,781,110	312,893,861	27,528,799	179,933,046	18,324,087
25.	Peak kWhs	12,855,274	70,584,524	6,819,669	36 044 067	
26.	Off-Peak kWhs		242,309,337		143,088,179	
27.	Peak kWhs (Rate RT)	22,000,000	642,309,337	20,709,130	143,088,179	
28.						
	REVENUES:					
	Customer	11,952	20,246	19,602	19,260	8,508
30.	Demand	1,694,856		762,803		0,236
31.	Production Demand			,	-,,	
32.	Distribution Demand					
33.	Maintenance Demand					
	Energy	2,508,371	12,309,331	1,294.035	8,395,430	1.524 747
	FCA	1,285,473	5,933,873	523.838	3,412,660	336 763
36.	PPCA	(334,094)	(1,566,955)	(135.922)	(892.743)	(02 715)
37.	CCA	363,136	5,933,873 (1,566,955) 760,319	142,307	372,519	94.901
38.	Total Revenue		26,286,413			
				2,5V5,562	15,092,611	1,871,194
39.	Booked Revenue	5,526,744	26,262,623	2,606,403	15,078,233	1,868,821
40.	Ratio of Booked Rev to Calculated Rev	0.99946660	0.99909495	0.99990053	0.99904737	0.99873168
		************				=======

EASTERN EDISON COMPANY D.P.U. 96-24 Verification of Present Rate Revenues Year Ending June 30, 1996

		Rate H-2	Rate W-1	Rate A-6	Rate S-1	Men - 1
					RACE S-I	Total
	PRESENT RATES:					
1	Customer Charge	1.50	1.00	52.90		
2	Customer Charge (Rates RT/RU)			32.53		
3.	Demand Charge			9.50		
	Production Demand			7.17		
	Distribution Demand			2.33		
6.	Maintenance Demand			2.33		
7.	Energy Charge	0.08488	0.07889		0.15547	
	Peak Energy Charge			0.05310		
	Peak Energy Charge (Rates RT/RU)					
	Off-Peak Energy Charge			0.04500		
	Off-Peak Energy Charge (Rates RT/RU)					
	FCA Charge	0.01839	0.01877	0.01916	0.01897	0.01889
13.	PPCA Charge	(0.00508)	(0.00515)	(0.00456)		
14.	CCA Charge	0.00154	(0.00084)	0.00045	0.00000	0.00315
15.	Total Energy Charge		0.00166			
	Total Peak Energy Charge	0.09973	0.09166		0.16957	
	Total Off-Peak Energy Charge			0.06815		
	_			0.06005		
		·				
	UNITS:				* 	
18.	Bills	2,107	205,223	12	456,659	2,853,257
19.	Bills (Rates RT/RU)				200,033	17
20.	Billed kw			15,368.0		4,101,961.0
21.	Production Demand			3,972.0		
22.	Distribution Demand			27,832.0		3,972.0
23.	Maintenance Demand			101.1		27,832.0
24.	Total kWhs	2,956,142	54,988,259		26,854,339	101.1 2,607, 474 ,639
25.	Peak kWhs					
	Off-Peak kWhs			1,129,485		128,311,463
	Peak kWhs (Rate RT)			4,587,302		466,092,478
28.						2,506
20.						10,277
•						
	REVENUES:	*	••	*		
29.	Customer	3,161	206 222	635		
	Demand	3,101	205,223	635		4,036,363
	Production Demand			145,996		48,273,592
	Distribution Demand			28,479		28,479
	Maintenance Demand			64,849		64,849
	Energy	250 917	4,338,024	236	4 175 044	155 535 535
	FCA				EAR 305	165,510,038
	PPCA	(15 011)	1,031,949 (283,463)	105,356	7734 475	49,465,086
37.		4,545	(46,053)	2.557	(130,859)	8,207,524
20	Total Revenue					
		457,984	5,245,680	592,633	4,553,580	262,444,876
39.	Booked Revenue	298,318	5,246,610	592,636	4,542,853	262,408,241

EASTERN EDISON COMPANY

D.P.U. 96-24

Verification of Present Rate Revenues Test Year Ending June 30, 1996

			ates:	-				June Adjus Average An		ctor= ustment Fact	cor=		\$0.016 \$0.014
LIGHTING	PER	ENERGY PER	MONTHLY	ANNUAL	PIXTURE	MONTHLY	MONTHLY BASE	MONTHLY ADJUSTMENT	MONTHLY	ANNUAL	ANNUAL BASE	Annual Adjustment	ANNUA
CODE	FIXTURE	FIXTURE	PRICE	PRICE	COUNT	ENERGY	REVENUE	REVENUE	REVENUE	ENERGY	REVENUE	REVENUE	REVENU
0061-3-110	_	240	5.25	63.02	4,424	66,360	23,235	1,072	24,307	1,061,760	278,818	14 071	202.5
0061-3-210	_	240	11.97		0	0	0	0	0	0	270,010	14,971 0	293,7
0061-3-211	15 15	240	5.25	63.02	5	75	26	1	27	1,200	315	17	3
0061-3-214	15	240 240	5.25 16.05	63.02 192,56	0	0	0	0	0	0	0	0	
0061-3-711	15	240	6.12	73.38	0	0	0	0	0	0	0	0	
0061-3-714	15	240	6.12	73.38	ō	ō	0	0	0	0	٥	0	
0061-3-810	15	240	20.09	241.13	0	٥	0	0	ō	0	0	0	
0061-3-811	15	240	5.65	67.78	٥	0	0	0	0	0	0	0	
0061-3-940	15 15	240 240	11.49 5.18	137.87 62.17	0	0	0	٥	٥	0	0	0	
0085-3-110	20	334	5.88	70.55	14,001	30 280,020	10 82,312	0	11	480	124	7	1
0085-3-120	20	334	7.04	84.42	92	1,840	647	4,525 30	86,837 677	4,676,334 30,728	987,743		1,053,6
0085-3-210	20	334	12.50	151.2	0	0	0	0	0,,	30,725	7,767 0	433 0	8,2
0085-3-211	20	334	5.88	70.55	16	320	94	5	99	5,344	1,129	75	1,2
0085-3-214	20	334	5.88	70.55	0	0	0	0	0	0	0	, 5	-, 2
0085-3-220 0085-3-221	20 20	334 - 334	13.76 7.04	165.06	0	0	٥	0	٥	0	0	0	
0085-3-221	20	334	7.04	84.42 84.42	2	40	14 0	. 1	15	668	169	9	17
0085-3-440	20	334	12.02	144.22	0	0	0	0	0	0	0	0	
0085-3-441	20	334	5.71	68.51	65	1,300	371	21	392	0 21,710	0 4, 4 53	0	4
0085-3-460	20	334	18.02	216,24	0	0	0	0	0	21,710	4,453 0	306 0	4,75
0085-3-461	20	334	9.56	114.74	90	1,800	861	29	890	30,060	10,327	424	10,75
0085-3-641 0085-3-710	20 20	334	5.71	68.51	0	0	0	٥	0	0	0	0	,
0085-3-710	20	334 334	16.67 6.74	200.09 80.92	0 7	740	0	0	0	0	0	0	
0085-3-714	20	334	6.74	80.92	Ď	140 0	47 0	2	49 0	2,338	566	33	59
0085-3-720	20	334	17.83	213.95	0	o	٥	Ö	0	0	0	o 0	
0085-3-721	20	334	7.90	94.76	0	0	0	ō	ō	ő	0	0	
0085-3-724	20	334	7.90	94.78	0	0	0	o	0	0	٥	0	
0085-3-810 0085-3-811	20 20	334 334	20.72 6.28	248.66	0	0	0	٥	0	٥	0	0	
0085-3-940	20	334	12.02	75.3 144.22	191 0	3,820 0	1,199	62	1,260	63,794	14,382	899	15,28
0085-3-941	20	334	5.71	68.51	220	4,400	0 1,256	0 71	0 1,327	0	0	0	
1103-1-110	25	405	5.53	66.4	4	100	22	2	24	73,480 1,620	15,072 266	1,036 23	16,10
121-3-110	29	476	6.85	82.24	7,300	211,700	50,027	3,421	53,448	3,474,800	600,323	48,995	28 649,31
121-3-120	29	476	8.01	96.1	0	0	٥	0	0	0	0	0	0.5,51
)121-3-130)121-3-210	29 29	476 476	7.31 13.57	87.72 162.88	359	10,411	2,624	168	2,793	170,884	31,491	2,409	33,90
121-3-211	29	476	6.85	82.24	63	0 1,827	0 432	0 30	0	0	0	0	
121-3-214	29	476	6.85	82.24	0	0	7.72	30	461 0	29,988 0	5,181 0	423	5,60
121-3-220	29	475	14.73	176.74	0	٥	0	0	. 0	ő	0	0	
121-3-221 121-3-224	29	476	B.01	96.1	٥	0	0	0	0	0	0	0	
121-3-224	29 29	476 476	8.01 14.03	96.1 1 68 .35	0	0	0	0	0	0	0	0	
121-3-231	29	476	7.31	87.72	1 41	29 1,189	14 300	0 19	14 319	476	168	7	17
121-3-234	29	476	7.31	87.72	0	0	0	0	213	19,516 0	3,597 0	275	3,87
121-3-440	29	476	13.11	157.31	O	0	o	0	o	0	0	0	
121-3-441	29	476	6.80	81.62	42	1,218	286	20	305	19,992	3,428	282	3,71
121-3-460 121-3-461	29 29	476 476	19.84	238.02	4	116	79	2	81	1,904	952	27	97
121-3-461	29 29	476	11.38 21.69	136.5 260.33	16 29	464 841	182	7	189	7,616	2,184	107	2,29
121-3-611	29	476	7.97	95.59	0	841	629 0	14 0	643 0	13,804	7,550	195	7,74
121-3-614	29	476	7.97	95.59	ō	ō	0	0	0	0 0	0	0	1
121-3-620	29	476	21.77	251.19	0	0	0	0	ŏ	ō	0	0	+
121-3-621	29	476	8.04	96.46	0	0	0	٥	0	0	ō	ō	
121-3-624 121-3-631	29 29	476 476	8.04 8.17	96.46 98.08	0	0	0	0	0	0	0	0	(
121-3-641	29	476	6.80	98.08 81.62	3 31	87 899	25 211	1 15	26	1,428	294	20	314
121-3-651	29	476	8.54	102.52	21	609	179	15 10	225 189	14,756 9,996	2,530	208	2,73
121-3-710	29	476		211.76	0	0	0	0	189	9,996	2,153 0	14 1 0	2,29
121-3-711	29	476	7.72	92.58	24	696	185	11	196	11,424	2,222	161	2,38
1 21- 3-714 121-3-720	29	476	7.72	92.58	0	0	D	0	0	0	0	0	2,30
	29 29	476 476		225.62 106.44	0 0	0	0 0	0	0	0	0	0	Ċ
121-3-721	, ,							0	0	0	٥	0	

EASTERN EDISON COMPANY D.P.U. 96-24

Verification of Present Rate Revenues Test Year Ending June 30, 1996 Verification of Present Rates: June Adjustment Factor= \$0.016 -------Average Annual Adjustment Factor= \$0.014 MONTHLY ANNUAL ENERGY ENERGY MONTHLY MONTHLY MONTHLY ANNUAL ANNUAL ANNUA: PER MONTHLY ANNUAL FIXTURE MONTHLY LIGHTING PER RASE ADJUSTMENT TOTAL ANNUAL BASE ADJUSTMENT TOTAL CODE FIXTURE FIXTURE PRICE PRICE COUNT ENERGY REVENUE REVENUE REVENUE ENERGY REVENUE REVENUE: REVENUE ______ _____ 0121-3-730 29 476 18.10 217.25 0 a 0 n ٥ 0 Û 0121-3-731 29 476 8.17 98.08 n n 0 0 0 0 0 0 0121-3-734 29 476 8.17 98.08 0 0 0 D n 0 0 0121-3-810 29 476 21.72 260.58 0 0 0 0 ۵ 0 Ò 0 0121-3-811 29 476 7.27 87.22 40 1,160 291 19 3,489 309 19,040 268 3,7 0121-3-940 29 476 13.11 157.31 3 87 39 1 41 1,428 472 20 4.9 0121-3-941 476 29 6.80 81.62 280 8,120 1,905 131 2.036 133,280 22.855 1,879 24.7 0130-2-110 31 511 7.36 88.34 282 8,742 2.076 141 2,217 144,102 24,913 2,032 26,94 0130-2-211 31 511 7.36 88.34 0 0 O 0 0 0 0 0130-2-641 31 511 7.11 85.28 3 93 21 2 23 1.533 256 22 2. 0130-2-810 31 511 22.20 266.45 465 15 333 8 341 7.665 3,997 108 4.10 0130-2-811 31 511 7.76 93.1 2 62 16 17 1 1.022 186 14 20 0130-2-941 31 511 7.11 85.28 6 186 43 3 46 3,066 512 43 56 0176-3-110 42 692 8.30 99.54 116 4.872 962 79 1.041 80,272 11.547 1.132 12,67 0176-3-120 42 692 9.53 114.35 65 2,730 619 44 664 44,980 7,433 634 8.0€ 0175-3-210 42 692 15.02 180.18 0 ٥ 0 0 Ò 0 ۵ 0 0176-3-211 42 692 8.30 99.54 я 336 66 5 72 5.536 796 78 87 0176-3-214 42 692 8.30 99.54 0 0 0 0 0 0 ۵ 0176-3-220 42 692 16.25 194.99 2 84 32 1 34 1.384 390 20 40 0176-3-221 42 692 9.53 114.35 2 84 19 1 20 1.384 229 20 24 0176-3-224 42 692 9.53 114.35 0 0 Ō O 0 0 0 n 0176-3-440 42 692 14 55 174.62 0 a 0 0 0 0 0 0 0176-3-441 42 692 8.24 98.93 0 0 0 ٥ 0 D 0 Ω 0176-3-610 42 692 23.14 277.64 29 1.218 671 20 691 20.068 8.052 283 B.33 0176-3-611 42 692 9.41 112.9 2 84 19 1 20 1,384 226 20 24 0176-3-614 42 692 9.41 112.9 15 630 141 10 151 10.380 1.693 146 1,84 0176-3-620 42 692 24.68 296.17 0 0 0 ۵ Ω 0 0 0 0176-3-621 692 10.95 131.44 O 0 Ω 0 0 0 0 0 0176-3-624 42 692 10.95 131.44 0 0 0 O ٥ a ٥ 0176-3-710 42 692 19.73 236.75 0 0 0 0 0 0 0 0 0176-3-711 42 692 9.80 117.56 n ô 0 a 0 0 O ٥ 0176-3-714 42 692 9.80 117.56 0 0 0 ۵ ٥ ٥ ٥ 0176-3-720 42 692 20.32 243.88 0 a 0 0 0 D 0 0176-3-721 42 692 10.39 124.7 ٥ 0 0 0 n 0 ٥ 0176-3-724 42 692 10.39 124.7 Ō 0 0 o 0 0 0 0 0176-3-940 42 692 14 55 174.62 a 0 ٥ 0 0 0 0 0 0176-3-941 42 692 8.24 98.93 0 O n Λ 0 0 0 ٥ 0202-1-110 49 794 8.13 97.58 1 49 8 1 9 794 98 11 10 0209-2-110 50 822 9.44 113.27 42 2.100 396 34 430 34,524 4.757 487 5,24 0209-2-130 50 822 9.98 119.71 253 12,650 2.524 204 2.728 207,966 30,287 2.932 33.21 0209-2-211 822 50 9.44 113.27 1 50 1 10 822 173 12 12 0209-2-231 822 50 9.98 119.71 В 400 BO 6 86 6,576 958 93 1.05 0209-2-541 50 822 9.18 110.2 37 1.850 340 30,414 4.077 429 4.50 0209-2-610 50 822 24.28 291.37 5 250 121 4 125 4.110 1,457 58 1,51 0209-2-631 822 10.10 121.15 0 0 0 Ω 0 0 0 0 0209-2-641 50 822 9.18 110.2 ٥ 0 ٥ 0 0 0 ۵ 0209-2-651 50 822 10.98 131.7 Û 0 o 0 ۵ Λ O 0209-2-941 822 9.18 110.2 0 ٥ ٥ 0 0 0 ۵ 0 0242-3-612 58 952 29.47 352 93 ۵ 0 0 0 0 0 α 0 0242-3-613 58 952 15.94 191.29 ٥ 0 n n ٨ 0 0 0 0300-2-110 72 1180 12.40 148.82 2 144 25 2 27 2,360 298 33 331 0324-3-110 78 1274 12.76 153.1 162.708 26,613 2.629 29.243 2,657,564 319,358 37,472 356.836 0324-3-120 78 1274 13.42 161 958 74,724 12,853 1,208 14,061 1,220,492 154,242 17,209 171,453 0324-3-124 1274 78 13.42 161 1 78 13 1 15 1,274 161 19 179 1274 0324-3-210 78 19.48 233.74 ñ 0 O Λ a 0 0 0 0324-3-211 78 1274 12.76 153.1 47 3,666 600 59 659 59.878 7,196 844 8,041 0324-3-214 7R 1274 12.76 153.1 0 0 0 O 0 0 ٥ 0324-3-220 78 1274 20.14 241.64 1 78 20 1 21 1,274 242 18

0324-3-221

0324-3-224

0324-3-610

0324-3-611

0324-3-614

78

78

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1274

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10,731

240,914

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EASTERN EDISON COMPANY

D.P.U. 96-24

Verification of Present Rate Revenues Test Year Ending June 30, 1996

erificati								Average And	nual Adju	stment Fact	or=		\$0.0
LIGHTING CODE	MONTHLY ENERGY PER FIXTURE	ENERGY PER	MONTHLY	ANNUAL PRICE	FIXTURE COUNT	MONTHLY ENERGY	MONTHLY BASE REVENUE	MONTHLY ADJUSTMENT REVENUE		ANNUAL ENERGY	annual Base Revenue	ANNUAL ADJUSTMENT REVENUE	ANN TOT: REVE
324-3-620		1274	28.57	342.82	0	0	0	. 0	0	0	0 178	0 18	
324-3-621	78	1274	14.84	178.08	1	78	15	1		1,274			1
324-3-624	78	1274	14.84	178.08	9	702	134	11	145	11,466	1,603	162	1
324-3-710	78	1274	23.55	282.64	0	0	0	0		0	0	0	
324-3-71	L 78	1274	13.62	163.44	1	78	14	1		1,274	163	18	
324-3-714	78	1274	13.62	163.44	0	ō	0	0		0	0	0	
324-3-720	76	1274	24.21	290.53	0	0	0	0	-	0	0	0	
324-3-721	1 78	1274	14.28	171.35	0	0	0	0		0	0	0	
324-3-724	78	1274	14.28	171.35	0	0	0	0		0	0	0	
474-2-110	114	1864	17.11	205.28	16	1,824	274	29	303	29,824	3,285	421	3
474-2-120	114	1864	17.32	207.78	205	23,370	3,550	378	3,927	382,120	42,595	5,388	4
474-2-130	114	1864	17.45	209.36	44	5,016	768	81	849	82,016	9,212	1,156	10
474-2-213	114	1864	17.11	205.28	7	798	120	13	133	13,048	1,437	184	;
474-2-221	114	1864	17.32	207.78	55	6,270	952	101	1,054	102,520	11,428	1,446	1.
474-2-23		1864	17.45	209.36	0	0	0	0	0	٥	0	ō	
474-2-310	114	1864	30.46	365.54	0	C	٥	0	0	0	0	0	
474-2-314		1864	17.83	213.94	0	O	0	٥	0	0	0	0	
474-2-612		1864	36.30	435.65	0	0	٥	٥	0	0	0	٥	
474-2-614		1864	18.74	224.9	0	0	٥	٥	0	0	0	. 0	
474-2-711		1864	18.74	224.9	0	0	0	0	0	0	0	0	
500-1-120		1966	18.42	221.08	0	O	٥	0	0	0	0	0	
500-3-110		1966	17.80	213.64	582	70,422	10,361	1,138	11,499	1,144,212	124.336	16,133	14
500-3-120		1966	18.55	222.56	3,908	472,868	72,482	7,642	-	7,683,120	869.780	108,332	97
)500-3-124		1966	18.55	222.56	0	0	0	0		0	0	0	٠.
)500-3-129)500-3-210		1966	24.52	294.28	3	363	74	6		5,898	883	83	
500-3-210 500-3-211		1966	17.80	213.64	82	9,922	1,460	160		161,212	17,518	2,273	1
)500-3-214		1966	17.80	213.64	0	0,322	0			0	0	2,2,2	
)500-3-214)500-3-220		1966	25.27	303.2	38	4,598	960		1,034	74,708	11,522	1,053	
)500-3-220)500-3-221		1966	18.55	222.56	447	54,087	8,291		•	878,802	99,486	12,391	
		1966	18.55	222.56	1	121	19		•	1,966	223	28	
500-3-224		1966	32.64	391.73	144	17,424	4,701			283,104	56,409	3,992	
500-3-610			18.92	227	744	17,424	4,701			263,104	0 , 30	3,992	
3500-3-611		1966			7								
500-3-614		1966	18.92	227		847	132			13,762	1,589	194	
500-3-620		1966	33.70	404.38	28	3,388	944	55		55,048	11,323	776	
500-3-62		1966	19.97	239.63	8	968	160			15,728	1,917		
0500-3-624		1966	19.97	239.63	98	11,858	1,957			192,668	23,484	-	
3500-3-710		1966	28.60	343.18	0	0	0			0	0	-	
500-3-71		1966	18.67	223.99	0	0	0			0	0		
)500-3-714		1966	18.67	223.99	0	0	0			0	0	0	
500-3-720		1966	29.34	352.09	0	0	0			٥	0	0	
0500-3-72		1966	19.41	232.91	1	121	19			1,966	233	28	
3500-3-724		1966	19.41	232,91	0	0	a	_	_	0	. 0	0	
0648-3-612	2 156	2548	41.98			9,516	2,561			155,428	30,732	2,192	3
0648-3-61	3 156			342.16	0	0	0	_		0	0	•	
1135-2-120	274	4463	36.19	434.22	0	0	0	0	0	0	0	0	
1135-2-22:	1 274	4463	36.19	434.22	0	0	0	0	0	0	0	0	
Total - 1	Annualiz	ed to Ye	ear End 6	796	37,870	1,631,872	346,042	26,371	372,413	26,708,810	4,152,502	376,594	4,52

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EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 1 UNBUNDLED RATES AND SUPPORTING DOCUMENTATION

TEST YEAR SALES AND REVENUES

EASTERN EDISON COMPANY D.P.U. 96-24 TEST YEAR SALES AND REVENUES YEAR ENDING JUNE 30, 1996

SALES OF ELECTRICITY ANNUAL SUMMARY

RATE CLASS	TEST YEAR BILLS	TEST YEAR KWHS	TEST YEAR TOTAL REVENUES	TEST YEAR CSC	TEST YEAR NET REVENUES	TEST YEAR FUEL	TEST YEAR PPCA	TEST YEAR CCA	TEST YEAR BASE REVENUES
R-1	1,652,850	855,187,451	\$94,720,983	\$247,927	\$94,473,056	\$16,143,404	(\$4,214,323)	\$1,153,147	\$81,390.828
R-2	174,228	69,317,290	5,360,762	26,134	5,334,620	1,305,995	(348,424)	117,037	4,260,020
R-3	79,228	87,057,294	8,913,472	11,894	8,901,588	1,603,087	(448,503)	612,829	7,134,175
R-4	534	563,121	52,635	80	52,555	10,559	(2,798)		44,292
G-1	199,517	106,102,102	12,842,164	29,928	12,812,236	2,000,014	(530,165)	384,221	10,958,166
G-2	78,842	792,270,951	78,822,763	11,826	78,810,937	15,004,156	(3,918,000)	4,245,557	63,479,224
G-4	1,022	312,893,861	26,262,776	153	26,262,623	5,933,873	(1,566,955)	760,319	21,135,386
G-5	402	27,528,799	2,606,463	60	2,606,403	523,838	(135,922)	142,307	2,076,180
G-6	395	179,933,046	15,078,292	59	15,078,233	3,412,660	(892,743)	372,519	12,185,797
T-2	837	67,781,110	5,526,870	126	5,526,744	1,285,473	(334,094)	363,136	4,212,229
A-6	12	5,716,787	592,638	2	592,636	109,558	(26,080)	2,557	506,601
H-1	1,418	18,324,087	1,869,034	213	1,868,821	336,753	(93,715)	94,901	1,530,882
H-2	2,107	2,956,142	298,318	0	298,318	54,372	(15,011)	4,545	254,412
W-1	205,223	54,988,259	5,246,610	0	5,246,610	1,031,949	(283,463)	(46,053)	4,544,177
S-1	456,659	26,854,339	4,542,853		4,542,853	509,395	(130,859)	0	4,164,317

2,853,274 2,607,474,639 \$262,736,634 \$328,392 \$262,408,242 \$49,265,086 (\$12,941,055) \$8,207,524 \$217,876,687

SALES OF ELECTRICITY ANNUAL SUMMARY - AVERAGES

RATE CLASS	NUMBER OF CUSTOMERS	KWHRS PER BILL	BASE REVENUE PER BILL	BASE REVENUE PER KWHR	Average CSC FACTOR	AVERAGE FUEL PACTOR	AVERAGE PFCA FACTOR	AVERAGE CCA FACTOR	Average Total Revenue
R-1	137,738	517	\$49.24	\$0.09517	\$0.00029	\$0.01888	(\$0.00493)	\$0.00135	\$0.11076
R-2	14,519	398	24.45	0,06146	0.00038	0.01884	(0.00503)	0.00169	0.07734
R-3	6,602	1,099	90.05	0.08195	0.00014	0.01841	(0.00515)	0.00704	0.10239
R-4	45	1,055	82.94	0.07865	0.00014	0.01875	(0.00497)	0.00089	0.09347
G-1	16,626	532	54.92	0.10328	0.00028	0.01885	(0.00500)	0.00362	0.12104
G-2	6,570	10,049	805.14	0.08012	0.00001	0.01894	(0.00495)	0.00536	0.09949
G-4	85	306,158	20,680.42	0.06755	0.00000	0.01896	(0.00501)	0.00243	0.08394
G-5	34	68,480	5,164.63	0.07542	0.00000	0.01903	(0.00494)	0.00517	0.09468
G-6	33	455,527	30,850.12	0.06772	0.00000	0.01897	(0.00496)	0.00207	0.08380
T-2	70	80,981	5,032.53	0.06214	0.00000	0.01897	(0.00493)	0.00536	0.08154
A -6	1	476,399	42,216.75	0.08862	0.00000	0.01916	(0.00456)	0.00045	0.10367
H-1	118	12,922	1,079.61	0.08354	0.00001	0.01838	(0.00511)	0.00518	0.10200
H-2	176	1,403	120.75	0.08606	0.00000	0.01839	(0.00508)	0.00154	0.10091
W-1	17,102	268	22.14	0.08264	0.00000	0.01877	(0.00515)	(0.00084)	0.09541
S-1	38,055	59	9.12	0.15507	0.00000	0.01897	(0.00487)	0.00000	0.16917
	237,773	914	\$76.36	\$0.08356	\$0.00013	\$0.01889	(\$0.00496)	\$0.00315	\$0.10076

Note: CCA Factors for Rates H-1 and H-2 were incorrectly billed from January 1, 1996 through June 30, 1996. Total Test Year Revenues have been adjusted to reflect the correct factors.

File: N:\EECO\DPU0696\SOE.WK1, Rev. 0, By JAL, 14-Mar-97

156 **197**

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 1 UNBUNDLED RATES AND SUPPORTING DOCUMENTATION

ILLUSTRATIVE CUSTOMER BILL

157 **198**

Eastern Utilities

54

ACCOUNT NUMBER

2-3040-506070-0

BILLING DATE

JAN 15, 1997

AMOUNT DUE

\$56.05

MUST BE RETURNED BY

FEB 09, 1997

TO BE CREDITED TO YOUR NEXT BILLING

AMOUNT ENGLOSED

Make check payable to:

Eastern Edison Company PO Box 15619 Worcester MA 01615-0619

**C012

SAMPLE 97 UNBUNDLED 97 UNBUNDLED DRIVE

WHITMAN MA

02382-2478 Maradabilialidabilialialiadialialidabilianidialidi

732 30405060700 000005605 000000000

Please return this portion with your payment. Bill is payable when rendered. Thank You.

OUR POWER OUTAGE NUMBER IS 1-800-242-3850. CALL US TO REPORT ANY OUTAGE OR DOWNED WIRE.

NEXT METER READ DATE

FEB 13, 1997

54

AGCOUNT NUMBER

2-3040-506070-0 BILLING DATE

JAN 15, 1997

SAMPLE 97 UNBUNDLED 227 UNBUNDLED DRIVE

WHITMAN **PREVIOUS BALANCE** MA 02382

.00

NETER HUNBER	RATE	See FROM	1::(4	.,	1978 17	PREV. RPAD	PRES. READ	COMPLANT: 4 Kom		ANCE	00.00
123456	R1	DEC	13	JAN	15	3681	4181 PL	LASE PAY	500 THIS AMO	UNT	56.05 56.05

COST OF ELECTRICTY

RATE R-1

DELIVERY SERVICES
CUSTOMER CHARGE
DISTRIBUTION ACCESS ENERGY CHARGE \$.07858 TRANSMISSION CHARGE

\$.00225

500 KWH = 500 KWH =

\$1.63 \$39.29

\$1.13

SUPPLIER SERVICES
GENERATION CHARGE
TOTAL COST OF ELECTRICITY*

\$.02800

X

500 KWH =

\$14.00 \$56.05

* INCLUDES A FUEL ADJUSTMENT KWH CHARGE OF \$.01889

114 114 1	Average kWh And kW Billed Per Day For Last 13 Months Energy Conservation Report																
Usage	Jan 97	Dec	Nov	Oct	Sep	Aug	Jul	Jun	May	ADE	Mar.	Feb	Jan 96	Bill Term	Bill Bavs	kWh Usa	kMh/Dev
kWh	15	14	16	15	14	16	14	13	15	14	15	17	13	This Year	33	500	15
k#	00	90	00	00	94	0-0	90	90	90	00	80	40	00	Last Year	33	455	13
1::::	Easte	n Ec	lison	Con	npan	V PO	Box 1	5619	Norce	ster M.	A 016	15-06	19 TELEI	HONE IS	EE REVEL	RSE SIDE)	21311 (20)71

EASTERN EDISON COMPANY RETAIL DELIVERY RATES AND SUPPORTING DOCUMENTATION

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 2 RETAIL DELIVERY RATES AND SUPPORTING DOCUMENTATION

TABLE OF CONTENTS

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Proposed Retail Delivery Rate Design	118
Illustrative Customer Bill	125

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 2 RETAIL DELIVERY RATES AND SUPPORTING DOCUMENTATION

OVERVIEW

OVERVIEW

SUMMARY OF PROPOSED RETAIL DELIVERY RATES

The documents contained in this Attachment include the proposed Retail Delivery tariffs, a "red-lined" copy of the tariffs which shows the changes between the unbundled tariffs and the retail delivery tariffs, workpapers supporting the retail delivery rate design, typical bill comparisons and an illustrative customer bill.

A comparison of the unbundled and retail delivery rate charges is on pages 86 to 93. The proposed Retail Delivery rates consist of a Customer Charge, Distribution/Access Charges and Transmission Charge. The Fuel Cost Adjustment ("FCA") clause is eliminated, but allows for reconciliation of any balance as of the date of Retail Access. The proposed effective date for these rates is January 1, 1998 or the date when retail access is made available to all customers of the investor-owned electric utilities in Massachusetts.

The Company's rate design proposal contains the following major elements:

- The proposed rates are designed to provide a 10% rate reduction to all customers.
- The 10% reduction is based on a Fuel cost of \$.01889 and a Standard Offer of \$.028 per kilowatthour.
- The Distribution/Access Charge is the sum of individual charges for Access costs,
 Distribution facilities costs and Conservation costs.
- An Access Cost Adjustment Clause, ("ACA"), M.D.P.U. No. 339, is established to recover Access charges as they change from the initial charge.
- A Transmission Cost Adjustment Clause, ("TCA"), M.D.P.U. No. 338, is established.
- A provision has been added to the Medium and Large General Service Tariffs which requires a Term of Contract of one year.

PROPOSED RATES

Standard Offer. The Standard Offer is fixed during the transition period through 12/31/2004 subject to a Standard Offer Fuel Index and a Standard Offer Revenue Reconciliation Adjustment. Initially, the charge will be \$.028 per kilowatthour. Standard Offer Service will be offered to customers under a separate tariff, M.D.P.U. No. 340.

<u>Transmission Charges</u>. The Transmission charges are the charges developed in the rate unbundling process and are not discounted. The Company is proposing a <u>Transmission Cost Adjustment Clause</u> ("TCA"), M.D.P.U. No. 338, which will recover, on a fully reconciling basis, all transmission charges billed to Eastern Edison Company by Montaup

Electric Company, or by or for the benefit of a Regional Transmission Group, an Independent System Operator, any other transmission provider, or any regional entity that may be created or allowed to implement rates and tariffs for transmission services or reliability operating services under FERC accepted tariffs. The Transmission Charge will vary by rate class.

<u>Distribution/Access Charges.</u> Distribution charges will collect access costs, distribution facilities costs and conservation costs.

Access Costs. The Company is proposing an Access Cost Adjustment Clause ("ACA"), M.D.P.U. No. 339, which will recover, on a fully reconciling basis, the contract termination charges billed to Eastern Edison by Montaup Electric Company under the wholesale rate settlement. The Access charge is fixed initially at \$.0304 per kilowatthour and will be in effect through December 31, 2000, subject to the ACA Clause.

<u>Distribution Facilities and Conservation Costs.</u> The distribution charges collect all remaining test year distribution facilities and conservation costs, and are calculated by subtracting the sum of the fixed Standard Offer and the Transmission Charge from the demand and energy charges which are reduced by 10%.

ILLUSTRATIVE CUSTOMER BILL

A copy of an illustrative customer bill is shown on page 126.

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 2 RETAIL DELIVERY RATES AND SUPPORTING DOCUMENTATION

PROPOSED RETAIL DELIVERY TARIFFS

EASTERN EDISON COMPANY

RATE SCHEDULE INDEX

RATE DESCRIPTION	COMPANY <u>IDENTIFIER</u>	M.D.P.U. <u>NUMBER</u>
Transmission Cost Adjustment Clause	TCA	338
Access Cost Adjustment Clause	ACA	339
Standard Offer Service		340
Terms and Conditions for Electric Retail Delivery Service		341
Residential Retail Delivery Service	R-1	342
Low Income Residential Retail Delivery Service	R-2	343
Residential Space Heating Retail Delivery Service	R-3	344
TOU Residential Retail Delivery Service	R-4	345
Small Secondary Voltage General Retail Delivery Service	G-1	346
Medium Secondary Voltage General Retail Delivery Service	G-2	347
Large Secondary Voltage General Retail Delivery Service	G-4	348
Medium Primary Voltage General Retail Delivery Service	G-5	349
Large Primary Voltage General Retail Delivery Service	G-6	350
Medium TOU Secondary Voltage General Retail Delivery Service	T-2	351
Large Primary Voltage Auxiliary General Retail Delivery Service	A-6	352
General Space Heating Retail Delivery Service	H-1	353
General Heating Retail Delivery Service	H-2	354
Controlled Water Heating Retail Delivery Service	W-1	355.
Lighting Retail Delivery Service	S-1	356

<u>EASTERN EDISON COMPANY</u> TRANSMISSION COST ADJUSTMENT CLAUSE

The Transmission Cost Adjustment ("TCA") shall recover on a fully-reconciling basis the transmission charges billed to Eastern Edison Company ("Eastern" or the "Company") by Montaup together with the charges, if any, billed to Eastern by or for the benefit of a Regional Transmission Group, an Independent System Operator, any other transmission provider, or any regional entity that may be created or allowed to implement rates and tariffs for transmission services or reliability operating services under tariffs approved by the Federal Energy Regulatory Commission.

The transmission cost adjustment shall be calculated separately for each of the Company's rate classes and shall be a uniform cents per kilowatthour factor applicable to all kilowatthours delivered by the Company to customers taking transmission service under each of Eastern's rates. The factor shall be established annually based on a forecast of transmission costs, and shall include a full reconciliation and adjustment for any over- or under-recoveries occurring under the prior year's adjustment. If actual costs and revenues are unavailable for any month, said costs or revenues shall be estimated, subject to later adjustment, for purposes of the foregoing calculation.

The Company may file to change the adjustment factor at any time should significant over- or under-recoveries occur. Any adjustment of the Transmission Cost Adjustment factor shall be in accordance with a notice filed with the Department of Public Utilities setting forth the amount of the proposed new factor, the amount of the increase or decrease, and the effective delivery charge in the Company's rates as adjusted to reflect the new factor. The notice shall further specify the effective date of such adjustment, which shall not be earlier than thirty days after the filing of the notice, or such other date as the Department may authorize.

EASTERN EDISON COMPANY ACCESS COST ADJUSTMENT CLAUSE

The Access Cost Adjustment shall be a pass through of the cents per kilowatthour termination charge that Montaup Electric Company ("MEC") bills to Eastern Edison Company ("Company"). The access cost adjustment factor shall be \$0.03040/kWh through 2000. Thereafter, the factor shall be adjusted each time that the termination charge that MEC bills to the Company changes. The termination charge shall be computed to the nearest thousandth of a cent.

Each adjustment of the prices under the Company's applicable rates shall be in accordance with a notice filed with the Department of Public Utilities ("the Department") setting forth the amount of the applicable Access Cost Adjustment, the amount of the increase or decrease and the effective delivery charge in the Company's rates as adjusted to reflect the new Access Cost Adjustment amount. The notice shall further specify the effective date of such adjustment, which shall not be earlier than thirty days after the filing of the notice, or such other date as the Department may authorize.

The operation of this Access Cost Adjustment clause is subject to Chapter 164 of the General Laws.

EASTERN EDISON COMPANY STANDARD OFFER SERVICE

AVAILABILITY:

This Rate Schedule for Standard Offer Service is available to all Customers taking electric service from the Company before January 1, 1998, and who have not elected to receive electric power service from a Supplier other than the Company on or after January 1, 1998.

APPLICABILITY:

Electricity supplied under this Rate Schedule shall be used solely by the Customer on the Customer's own premises for all purposes.

CHARACTER OF SERVICE:

Electric service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available primary or secondary distribution voltage.

RATE:

The Rate shall consist of the following charge:

Year	<u>Charge</u>		
1998	\$0.02800	per	kWh
1999	\$0.03100	per	kWh
2000	\$0.03400	per	kWh
2001	\$0.03800	per	kWh
2002	\$0.04200	per	kWh
2003	\$0.04700	per	kWh
2004	\$0.05100	per	kWh

The foregoing Rate shall be adjusted in accordance with the provisions of the Standard Offer Fuel Index and the Standard Offer Revenue Reconciliation Adjustments described below:

STANDARD OFFER FUEL INDEX:

The Standard Offer Charge in effect for a billing month is multiplied by a Fuel Adjustment that is set equal to 1.0 unless the Market Gas Price plus Market Oil Price for the billing month exceeds the Fuel Trigger Point then in effect, where:

Market Gas Price is the average of the values of Gas Index for the most recent six months through and including the billing month, where:

<u>Gas Index</u> is the average of the daily settlement prices for the last three days that the NYMEX Contract (as defined below) for the month of delivery trades as reported in the

Date Filed, May 16, 1997

Wall Street Journal, expressed in dollars per MMBTU. NYMEX Contract shall mean the New York Mercantile Exchange Natural Gas Futures Contract as approved by the Commodity Futures Trading Commission for the purchase and sale of natural gas at Henry Hub;

<u>Market Oil Price</u> is the average of the values of Oil Index for the most recent six months through and including the billing month, where:

Oil Index is the average for the month of the daily low quotations for cargo delivery of 1.0% sulfur No. 6 residual fuel oil into New York harbor, as reported in Platt's Oilgram U.S. Marketscan in dollars per barrel and converted to dollars per MMBTU by dividing by 6.3; and if the indices referred to above should become obsolete or no longer suitable, the distribution company shall file alternate indices with the Department.

<u>Fuel Trigger Point</u> is the following amounts, expressed in dollars per MMBTU, applicable for all months in the specified calendar year:

<u>Year</u>	Fuel Trigger Point	Fuel Trigger Point	
2000	\$5.35 per MMBTU		
2001	\$5.35 per MMBTU		
2002	\$6.09 per MMBTU		
2003	\$7.01 per MMBTU		
2004	\$7.74 per MMBTU		

In the event that the Fuel Trigger Point is exceeded, the Fuel Adjustment value for the billing month is determined according to the following formula:

Fuel Adjustment = (Market Gas Price+\$0.60/MMBTU) + (Market Oil Price+\$0.04/MMBTU)

Fuel Trigger Point + \$0.60 + \$0.04/MMBTU

Where Market Gas Price, Market Oil Price and Fuel Trigger Point are as defined above. The values of \$0.60 and \$0.04/MMBTU represent for gas and oil respectively, estimated basis differentials or market costs of transportation from the point where the index is calculated to a proxy power plant in the New England market.

Incremental revenues received by the Company from the application of the Fuel Adjustment shall be fully allocated to Standard Offer Suppliers in proportion to the Standard Offer energy provided by a Supplier to the Company in the applicable billing month.

STANDARD OFFER REVENUE RECONCILIATION ADJUSTMENTS:

The Company shall reconcile the revenues billed to Customers taking Standard Offer Service against payments to Suppliers of Standard Offer Service and recover or refund any under- or overcollection in accordance with the following terms:

- Any revenues billed by the Company for Standard Offer 1. Service in excess of payments to Suppliers of that service shall be accumulated in an account and credited with interest calculated using the methodology for calculating interest on customer deposits specified in the Company's terms and conditions. The accumulated balance at the end of each calendar year shall be credited to all of the Company's Retail Delivery Service customers through a uniform cents per kilowatt-hour factor in the following year.
- In the event that the revenues billed by the Company do not recover the Company's payments to Suppliers or the Company defers expenses to meet the Inflation Cap, the Company shall be authorized to accumulate the deficiencies in the account together with interest calculated as above and recover those amounts by implementing a uniform cents per kilowatt-hour surcharge on the rates for Standard Offer Service, if and to the extent that the access charges billed by the Company to its Retail Delivery Service customers are for any reason below the Unadjusted Contract Termination Charges. Underrecoveries, if any, that remain after the standard offer transition period ends on December 31, 2004 shall be recovered from all Retail Delivery Service customers by a uniform surcharge not exceeding \$0.004 per kilowatt-hour commencing on January 1, 2010.

TERM OF CONTRACT

The Term of Contract for Standard Offer Service shall be for a period of not more than seven (7) years beginning on the date service is first taken and ending on the earlier of December 31, 2004, or the date the Customer terminates service. The Customer may terminate service on five (5) days notice. The Customer shall be ineligible to receive Standard Offer Service thereafter. The foregoing provision shall not apply to Customers who receive service under any of the Company's residential Retail Delivery Service Rates or under Small General Retail Delivery Service Rate G-1. Said Customers may elect to take electric power service from another Supplier during the period beginning January 1, 1998, and ending December 31, 1998, and elect to return to Standard Offer Service within ninety (90) days of commencing service from that Supplier.

TERMS AND CONDITIONS:

"Restructuring Settlement Agreement" shall mean the agreement entitled Restructuring Settlement Agreement, dated May 16, 1997, by and between Eastern Edison Company, Montaup Electric Company, the Office of the Attorney General, and the Department of Energy Resources.

"Inflation Cap" shall mean the inflation cap established in Section I.B.9 of the Restructuring Settlement Agreement.

"Unadjusted Contract Termination Charges" shall mean the unadjusted contract termination charges listed in Attachment 3 of the Restructuring Settlement Agreement.

The Company's various <u>Terms and Conditions</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY RESIDENTIAL RETAIL DELIVERY SERVICE RATE R-1

AVAILABILITY:

This Rate Schedule is available only to residential Customers.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for predominantly domestic purposes in an individual apartment, condominium, private home, other private dwelling or condominium common area.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single phase or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$1.47	per month
Distribution/Access Energy Charge:	\$0.06770	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge. - 2 -

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY LOW INCOME RESIDENTIAL RETAIL DELIVERY SERVICE RATE R-2

AVAILABILITY:

This Rate Schedule is available to any residential Customer who is the head of household or principal wage earner and who meets either of the following criteria:

- 1. The Customer is presently receiving:
 - (a) Supplemental Security Income from the Social Security Administration, or
 - (b) Aid to Families with Dependent Children; Economic Assistance for the Elderly, Disabled, and Children; Medicaid; Refugee Resettlement assistance; or Food Stamps from the Massachusetts' Department of Public Welfare, or
 - (c) Low Income Heating Energy Assistance ("LIHEAP") from a certified Community Action Program Agency, or
 - (d) Veteran's Service Benefits (Chapter 115) from the Massachusetts' Veteran Services Administration.
- The Customer had received General Relief from the Massachusetts' Department of Public Welfare at anytime during the period of January 1, 1990, through December 31, 1991.

The Customer will be required to annually certify his or her continued eligibility for this Rate Schedule. Retail delivery service under this Rate Schedule will commence with the first billing period following the date on which the Company receives verification of the Customer's eligibility from the certifying Government Agency.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for predominantly domestic purposes in an individual apartment, condominium, private home, or other private dwelling.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single phase or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge: \$1.00 per month

<u>Distribution/Access Energy Charge:</u> \$0.03796 per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY RESIDENTIAL SPACE HEATING RETAIL DELIVERY SERVICE RATE R-3

AVAILABILITY:

This Rate Schedule is available only to residential Customers where electricity, or electricity in conjunction with a renewable energy source, is the sole source of energy used for comfort heating and water heating.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for predominantly domestic purposes in an individual apartment, condominium, private home, other private dwelling or condominium common area.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single phase or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$1.92	per month
Distribution/Access Energy Charge:	\$0.05667	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

Date Filed, May 16, 1997

-2-

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY TIME-OF-USE RESIDENTIAL RETAIL DELIVERY SERVICE RATE R-4

AVAILABILITY:

This Rate Schedule is available only to residential Customers.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for predominantly domestic purposes in an individual apartment, condominium, private home, other private dwelling or condominium common area.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single phase or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge: \$8.06 per month

<u>Distribution/Access Energy Charge:</u>

kWh used during

Peak Hours: \$0.16265 per kWh
Off-Peak Hours: \$0.03012 per kWh

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m.

October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours
All other hours.

Holidays are defined as:

New Year's Day President's Day Memorial Day Independence Day Labor Day Columbus Day Veteran's Day Thanksgiving Day Christmas Day

Date Filed, May 16, 1997

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

M.D.P.U. NO. 346 CANCELS NO. 326

EASTERN EDISON COMPANY SMALL SECONDARY VOLTAGE GENERAL RETAIL DELIVERY SERVICE RATE G-1

AVAILABILITY:

This Rate Schedule is available only to Customers whose actual or estimated annual maximum monthly demand is less than 10 kW and whose actual or estimated annual energy consumption is less than 36,000 kWh.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge: \$1.47 per month

Distribution/Access Energy Charge: \$0.07734 per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

<u>EASTERN EDISON COMPANY</u> MEDIUM SECONDARY VOLTAGE GENERAL RETAIL DELIVERY SERVICE RATE G-2

AVAILABILITY:

This Rate Schedule is available only to Customers whose actual or estimated annual maximum monthly demand is at least 10 kW but less than 500 kW or whose actual or estimated annual energy consumption is 36,000 kWh or more.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$7.37	per month
Distribution/Access Demand Charge:	\$10.87	per kW
Distribution/Access Energy Charge:	\$0.02091	per kWh

DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the lower of the maximum metered 15 minute average load within the billing period or the monthly energy consumption divided by 120.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

Date Filed, May 16, 1997

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERM OF CONTRACT:

The Term of Contract shall be one year and shall continue thereafter until terminated by the Company or the Customer in accordance with the Company's Terms and Conditions for Electric Retail Delivery Service.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY LARGE SECONDARY VOLTAGE GENERAL RETAIL DELIVERY SERVICE RATE G-4

AVAILABILITY:

This Rate Schedule is mandatory for all Customers whose actual or estimated annual maximum monthly demand is 500 kW or more.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$17.95	per month
Distribution/Access Demand Charge:	\$10.80	per kW
Distribution/Access Energy Charge: kWh used during		
<u>Peak Hours:</u>	\$0.02854	per kWh
Off-Peak Hours:	\$0.02044	per kWh

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m. October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours All other hours.

Holidays are defined as:

New Year's Day
President's Day
Memorial Day
Independence Day
Thanksgiving Day
Christmas Day

Labor Day

-2-

DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the maximum metered 15 minute average load during Peak Hours within the billing period, except for those Customers that were taking service from the Company under former <u>General Service Rate No. 21</u> before January 24, 1989, where the Billing Demand in kilowatts for each billing period will be the lower of the maximum metered 15 minute average load during Peak Hours within the billing period or the monthly energy consumption divided by 120.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERM OF CONTRACT:

The Term of Contract shall be one year and shall continue thereafter until terminated by the Company or the Customer in accordance with the Company's Terms and Conditions for Electric Retail Delivery Service.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY MEDIUM PRIMARY VOLTAGE GENERAL RETAIL DELIVERY SERVICE RATE G-5

AVAILABILITY:

This Rate Schedule is mandatory for all Customers whose actual or estimated annual maximum monthly demand is at least $100~{\rm kW}$ but less than $500~{\rm kW}$.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available primary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$44.00	per month
Distribution/Access Demand Charge:	\$8.55	per kW
Distribution/Access Energy Charge: kWh used during		
Peak Hours:	\$0.03445	per kWh
<u>Off-Peak Hours:</u>	\$0.02716	per kWh

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m.

October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours

All other hours.

Holidays are defined as:

New Year's Day
President's Day
Memorial Day
Independence Day
Labor Day

Columbus Day
Veteran's Day
Thanksgiving Day
Christmas Day

Date Filed, May 16, 1997

DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the maximum metered 15 minute average load during Peak Hours within the billing period.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERM OF CONTRACT:

The Term of Contract shall be one year and shall continue thereafter until terminated by the Company or the Customer in accordance with the Company's Terms and Conditions for Electric Retail Delivery Service.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY LARGE PRIMARY VOLTAGE GENERAL RETAIL DELIVERY SERVICE RATE G-6

AVAILABILITY:

This Rate Schedule is mandatory for all Customers whose actual or estimated annual maximum monthly demand is 500 kW or more.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available primary distribution voltage.

RATE:

The Rate shall consist of the following charges:

<u>Customer Charge:</u>	\$44.00	per month
Distribution/Access Demand Charge:	\$8.55	per kW
<u>Distribution/Access Energy Charge:</u> kWh used during		
<u>Peak Hours:</u>	\$0.03428	per kWh
Off-Peak Hours:	\$0.02699	per kWh

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m.

October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours

All other hours.

Holidays are defined as:

New Year's Day Columbus Day
President's Day Veteran's Day
Memorial Day Thanksgiving Day
Independence Day Christmas Day
Labor Day

Date Filed, May 16, 1997

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DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the maximum metered 15 minute average load during Peak Hours within the billing period.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERM OF CONTRACT:

The Term of Contract shall be one year and shall continue thereafter until terminated by the Company or the Customer in accordance with the Company's Terms and Conditions for Electric Retail Delivery Service.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY MEDIUM TOU SECONDARY VOLTAGE GENERAL RETAIL DELIVERY SERVICE RATE T-2

AVAILABILITY:

This Rate Schedule is available only to Customers whose actual or estimated annual maximum monthly demand is at least 10 kW but less than 500 kW or whose actual or estimated annual energy consumption is 36,000 kWh or more.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$12.97	per month
Distribution/Access Demand Charge:	\$11.24	per kW
<u>Distribution/Access Energy Charge:</u> kWh used during		
<u>Peak Hours:</u>	\$0.02698	per kWh
Off-Peak Hours:	\$0.01888	per kWh

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m.

October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours All other hours.

Holidays are defined as:

New Year's Day
President's Day
Memorial Day
Independence Day
Labor Day
Columbus Day
Veteran's Day
Thanksgiving Day
Christmas Day

Date Filed, May 16, 1997

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DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the maximum metered 15 minute average load during Peak Hours within the billing period.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERM OF CONTRACT:

The Term of Contract shall be one year and shall continue thereafter until terminated by the Company or the Customer in accordance with the Company's Terms and Conditions for Electric Retail Delivery Service.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY LARGE PRIMARY VOLTAGE AUXILIARY GENERAL RETAIL DELIVERY SERVICE RATE A-6

AVAILABILITY:

Upon execution of a separate written contract for Auxiliary Electric Power Service ("Contract") with the Company, this Rate Schedule is available to any Customer furnishing its own electric power supply ("Facility") for all or part of its total electric retail delivery service requirements provided that:

- the Customer was taking service under this Rate Schedule, before March 1, 1997;
- the Customer's total electric retail delivery service requirements are greater than 500 kW, and
- 3. the Net Capability of the Facility is at least 100 kW but less than 1,000 kW and the Facility is designed to provide at least 20% of the Customer's total electric retail delivery service requirements, or the Net Capability of the Facility is 1,000 kW or more.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for Supplementary Power, Backup Power, and Maintenance Power purposes only.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be three phase, alternating current, at a frequency of sixty Hertz, and at a locally available primary distribution voltage.

RATE:

The Rate shall consist of the following charges:

\$47.73	per month	h
\$6.45	per kW	
\$2.10	per kW	
\$0.03433	per kWh	
	\$6.45 \$2.10 \$0.03433	\$6.45 per kW \$2.10 per kW

Date Filed, May 16, 1997

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Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m. October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours
All other hours.

Holidays are defined as:

New Year's Day
President's Day
Memorial Day
Independence Day
Labor Day

Columbus Day
Veteran's Day
Thanksgiving Day
Christmas Day

DETERMINATION OF BILLING PERIODS:

a. Billing Period

The Billing Period consists of the days between consecutive meter readings. Retail delivery service under this Rate Schedule is rendered on a full calendar day basis. The first day of any Billing Period is included in its entirety and the last day of any Billing Period is excluded in its entirety.

b. Backup Billing Period

The Backup Billing Period consists of the Peak Period days within a Billing Period during which Backup Service is rendered. Backup Service is rendered when any part of a forced outage occurs during Peak Period hours and electricity is actually taken.

c. Maintenance Billing Period

The Maintenance Billing Period consists of the Peak Period days within a Billing Period during which Maintenance Service is rendered. Maintenance Service is rendered when any part of a planned outage occurs during Peak Period hours and electric retail delivery service is actually taken.

DETERMINATION OF BILLING DEMANDS:

a. Supplementary Demand

The Supplementary Demand in kilowatts is the sum of the maximum metered 15 minute average load recorded during Peak Hours within a Billing Period excluding Backup and Maintenance Billing Periods and the maximum metered 15 minute average load recorded during Peak Hours in excess of the Net Capability of the Facility during Backup and Maintenance Billing Periods.

b. Backup Usage Demand

The Backup Usage Demand in kilowatts is the Average Daily Demand in excess of the Supplementary Demand, where the Average Daily Demand is the sum of the daily maximum metered 15 minute average loads recorded during Peak Hours within the Backup Billing Period divided by the number of days in the Backup Billing Period.

c. Backup Reservation Demand

The Backup Reservation Demand in kilowatts is the Contract Demand in excess of the Supplementary Demand.

d. Maintenance Usage Demand

The Maintenance Usage Demand in kilowatts is the maximum metered 15 minute average load recorded during Peak Hours within the Maintenance Billing Period in excess of the sum of the Supplementary Demand and the Backup Reservation Demand.

DETERMINATION OF BILLING DEMAND CHARGES:

a. Supplementary Demand Charge

The Supplementary Demand Charge shall be the Supplementary Demand times the sum of the Distribution/Access Usage Demand Charge and the Distribution/Access Reservation Demand Charge.

b. Backup Usage Demand Charge

The Backup Usage Demand Charge shall be the Backup Usage Demand times the Distribution/Access Usage Demand Charge times the ratio of the number of Backup Billing Period Days to the number of Billing Period Peak days.

c. Backup Reservation Demand Charge

The Backup Reservation Demand Charge shall be the Backup Reservation Demand times the Distribution/Access Reservation Demand Charge.

Date Filed, May 16, 1997

d. Maintenance Usage Demand Charge

The Maintenance Usage Demand Charge shall be the Maintenance Usage Demand times the Distribution/Access Reservation Demand Charge times the ratio of the number of Maintenance Billing Period Days to the number of Billing Period Peak Days.

BACKUP POWER:

The Contract will specify the Customer's maximum Backup Power requirements. Said Backup Power requirements must be determined by the Company to be reasonable given the design specifications and operating characteristics of the Customer's own electrical energy supply source, and other such information the Company considers pertinent to the determination of the appropriate Backup Power requirements of the Customer. The Customer's maximum Backup Power requirements shall be deemed the Contract Demand. The Contract Demand shall not exceed the Net Capability of the Facility.

The Contract Demand will be in effect for a period of one year and shall continue thereafter unless amended in writing by mutual agreement between the Company and the Customer, or automatically amended as hereinafter provided. Each such amended Contract Demand shall be in effect for the period of one year from the date specified in the amended agreement and shall continue thereafter or until superseded by another amended Contract Demand.

In the event the Customer's maximum metered demand exceeds the Contract Demand in any Backup Billing Period, the Contract Demand shall be automatically amended to an amount equal to said metered demand beginning with the Backup Billing Period in which said metered demand occurred. Each such automatically amended Contract Demand shall be in effect for a period of one year and shall continue thereafter or until superseded by another amended Contract Demand.

MAINTENANCE POWER:

The Company agrees to furnish Maintenance Power to the Customer at times convenient to the Company. The Contract will specify the Customer's expected Maintenance Power requirements, expected frequency and duration of Maintenance Power periods, and expected calendar schedule of Maintenance Power periods. Said Maintenance Power requirements, frequency, duration, and schedule must be determined by the Company to be reasonable given the design specifications and operating characteristics of the Customer's own electrical energy source, and other such information the Company considers pertinent to the determination of appropriate Maintenance Power requirements, frequency, duration, and schedule for the Customer. The Customer shall make all requests for Maintenance Power in writing at least fourteen (14) days prior to a planned outage of its electrical energy supply source, and the Company will consent to such requests in writing, which consent shall not be unreasonably withheld.

Date Filed, May 16, 1997

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RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, Supplementary Demand Charge, the Backup Usage Demand Charge, the Backup Reservation Demand Charge, the Maintenance Usage Demand Charge, the Distribution/Access Energy Charges, and Rate Adjustments. The Minimum Billing Amount shall consist of the sum of the Customer Charge and the Backup Reservation Demand Charge.

Electric retail delivery service charges determined under this Rate Schedule will be calculated separately for each Billing Period using the appropriate billing determinants for the Billing Period. Bills rendered for Short Billing Periods will be prorated on the ratio of the number of days of the Short Billing Period to the number of days of the Normal Billing Period that the Short Billing Period lies within.

The Customer shall notify the Company of all outages of the Facility within three (3) business days following the end of a Billing Period. Where the Customer fails to notify the Company, billing will be rendered as if the Company furnished only Supplementary Power during the entire Billing Period.

INTERCONNECTION REQUIREMENTS:

The Customer will execute a separate written Interconnection Agreement in accordance with the Company's <u>Interconnection Guidelines for Small-Scale Generators</u> in effect from time to time.

TERM OF CONTRACT:

The Term of Contract shall be one year and shall continue thereafter until terminated by either the Company or the Customer by written notice given to the other party at least thirty (30) days prior to the date of termination specified in such notice.

OTHER TERMS AND CONDITIONS:

"Backup Power" means electrical energy and capacity supplied by the Company to replace energy and capacity ordinarily provided by the Facility during an unscheduled outage of the Facility.

Date Filed, May 16, 1997

"Billing Period" means either a Normal Billing Period or a Short Billing Period.

"Maintenance Power" means electrical energy and capacity supplied by the Company to replace energy and capacity ordinarily provided by the Facility during an scheduled outage of the Facility.

"Net Capability" means the design net electrical capability of the Facility under International Standards Organization ("ISO") conditions.

"Normal Billing Period" means the time period between two consecutive billing cycle dates during which electric service is rendered.

"Peak Day" means any day which contains Peak Hours.

"Short Billing Period" means the time period between a starting meter reading date and the next billing cycle date or the time period between a previous billing cycle date and an ending meter reading date during which electric service is rendered.

"Supplementary Power" means electrical energy and capacity supplied by the Company regularly used by the customer in addition to that which is provided by the Facility itself.

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY GENERAL SPACE HEATING RETAIL DELIVERY SERVICE RATE H-1

AVAILABILITY:

This Rate Schedule is available only to non-residential Customers where electricity, or electricity in conjunction with a renewable energy source, is the sole source of energy used for comfort heating and water heating.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for predominantly domestic purposes in buildings used principally for living quarters, and in buildings regularly used for educational and religious purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$5.52	per month
Distribution/Access Energy Charge:	\$0.06145	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY GENERAL HEATING RETAIL DELIVERY SERVICE RATE H-2

AVAILABILITY:

This Rate Schedule is available only to Customers that were taking service from the Company under former <u>General Heating Service Rate</u> <u>No. 35</u> before January 24, 1989, where electricity, or electricity in conjunction with a renewable energy source, is the source of energy used for the purposes specified below.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for space heating, cooking, air conditioning, and water heating for other than industrial purposes. Electricity delivered hereunder shall be metered separately and electric service for other purposes will be delivered under other applicable Rate Schedules.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

<u>Customer Charge:</u>		\$1.47	per month
Distribution/Access	Energy Charge:	\$0.06236	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge. -2-

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY CONTROLLED WATER HEATING RETAIL DELIVERY SERVICE RATE W-1

AVAILABILITY:

This Rate Schedule is available only to Customers that were taking retail delivery service from the Company under former Off-Peak Water Heating Rate No. 41 before January 24, 1989.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for water heating provided that the Customer shall have installed an electric water heater of a type approved by the Company. The Company will, by means of a controlling device, fix the hours when this retail delivery service is available. Electricity delivered hereunder shall be metered separately and electric retail delivery service for other purposes will be delivered under other applicable Rate Schedules.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

<u>Customer Charge:</u>	\$1.02	per month

<u>Distribution/Access Energy Charge:</u> \$0.05523 per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge. - 2 -

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY LIGHTING RETAIL DELIVERY SERVICE RATE S-1

AVAILABILITY:

This Rate Schedule is available only to Customers where electricity is supplied to lighting equipment owned and maintained by the Company, on Company owned poles, for dusk-to-dawn operation of approximately 4,000 burning hours per year.

APPLICABILITY:

Electricity delivered under this Rate Schedule shall be used for lighting purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at the utilization voltage of the Company's lighting equipment.

RATE:

The Rate shall consist of the following charges:

CUSTOMER AND DISTRIBUTION:

Nominal	Type	Annual Price	Annual Price
Lumens	<u>Fixture</u>	<u>per Luminaire</u>	<u>per Luminaire</u>
		(a)	(b)

A. LIGHTING SUPPLIED BY OVERHEAD CONDUCTORS:

SODIUM VAPOR LAMP

1. For lights on ordinary wood poles:

3,300	Streetlight	\$52.63	\$125.23
5,800	Streetlight	57.81	130.39
5,800	Floodlight	70.29	142.86
9,500	Streetlight	65.90	138.48
9,500	PBU	70.84	143.40
9,500	Floodlight	78.38	150.95
16,000	Streetlight	77.80	150.37
16,000	Floodlight	91.13	163.70
25,000	Streetlight	116.10	188.67
25,000	Floodlight	123.21	195.78
50,000	Streetlight	158.78	231.36
50,000	Floodlight	166.81	239.39

Date Filed, May 16, 1997

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Δ	Nominal Lumens	Type <u>Fixture</u>	Annual Price <u>per Luminaire</u> (a) VERHEAD CONDUCTORS: (Cont'd)	Annual Price per Luminaire (b)
л.	EIGHIIMO S	OTTELLED DI OV	dament compositions. (cont. a)	
			MERCURY VAPOR LAMP	
2.	For lights	on ordinary	wood poles:	
	4,200 8,600 8,600 12,100 22,500 22,500 22,500 63,000	Streetlight	\$70.80 87.94 93.74 113.84 153.01 156.68 155.26 314.78	
З.	For lights	on standard	metal poles:	
	22,500	Streetlight	\$160.80	\$297.24
			INCANDESCENT LAMP	
4.	For lights	on ordinary	wood poles:	
	1,000 2,500 9,900	Streetlight Streetlight Floodlight	\$52.86 74.30 165.48 METAL HALIDE LAMP	•••
5.	For lights	on ordinary	wood poles:	
	20,000 40,000 115,000	Floodligh Floodligh Floodligh	t 195.33	\$225.72 285.56 346.76

Nominal	Type	Annual Price	Annual Price
Lumens	<u>Fixture</u>	<u>per Luminaire</u>	<u>per Luminaire</u>
		(a)	(d)

B. LIGHTING SUPPLIED BY UNDERGROUND CONDUCTORS:

SODIUM VAPOR LAMP

1. For lights on standard metal poles:

9,500	Streetlight	\$77.92	\$226.18
9,500	Streetlight-Twin	155.94	301.41
9,500	PBU	80.16	
9,500	Floodlight	78.70	226.96
16,000	Streetlight	89.82	238.09
16,000	Floodlight	106.51	254.77
25,000	Streetlight	128.12	276.38
25,000	Streetlight-Twin	264.55	410.02
25,000	Floodlight	138.58	286.84
50,000	Streetlight	170.81	319.06
50,000	Floodlight	182.17	330.45

2. For lights on poles less than 15 ft. high:

3,300	T&C	\$51.87	\$120.00
5,800	T&C	55.97	124.11
9,500	T&C	65.35	133.47
16,000	T&C	77.25	145.37

3. For lights on poles more than 15 ft. high:

3,300	Streetlight	\$56.92	\$212.93
5,800	Streetlight	62.08	218.10
5,800	Shoe Box	97.58	188.93
9,500	Streetlight	70.39	226.41
9,500	Shoe Box	114.74	206.11

4. For lights on ordinary wood poles:

3,300	Streetlight	\$61.96	\$169.22
5,800	Streetlight	67.14	174.39
5,800	Floodlight	79.61	186.87
9,500	Streetlight	75.21	182.47
9,500	PBU	80.16	187.41
9,500	Floodlight	87.68	194.95
16,000	Streetlight	94.02	201.29
16,000	Floodlight	100.44	207.70
25,000	Streetlight	125.40	232.68
25,000	Floodlight	132.52	239.78
50,000	Streetlight	168.10	275.37
50,000	Floodlight	176.13	283.39

Date Filed, May 16, 1997

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Nominal	Type	Annual Price	Annual Price
<u>Lumens</u>	<u>Fixture</u>	<u>per Luminaire</u>	<u>per Luminaire</u>
		(a)	(b)

B. LIGHTING SUPPLIED BY UNDERGROUND CONDUCTORS: (Cont'd)

MERCURY VAPOR LAMP

5. For lights on standard metal poles:

\$248.23		Streetlight	8,600
	95.03	PBU	8,600
360.34		Streetlight-Twin	22,500

6. For lights on poles less than 15 ft. high:

4,200	T&C	\$68.05	
8,600	T&C	85.18	
8,600	PMA	104.53	

7. For lights on poles more than 15 ft. high:

4,200 Streetlight \$75.00 \$231.	4,200	Streetlight	\$75.08	\$231.10
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8. For lights on ordinary wood poles:

22,500 Streetlight \$170.67 ...

- (a) For fixtures mounted on existing or prepaid lighting poles.
- (b) For fixtures mounted on lighting poles.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for retail delivery lighting service supplied under this Rate Schedule shall consist of the sum of one-twelfth of the Annual Price per Luminaire and Rate Adjustments.

Date Filed, May 16, 1997

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EOUIPMENT AND INSTALLATION:

The Company will furnish, install, own, and maintain all necessary lighting service equipment including but not limited to luminaires, lamps, brackets, controls, conductors, and poles; and will furnish the electrical energy supply for the lights. For installations supplied by underground conductors, the customer will provide trenching and backfilling, and will furnish, install, and maintain the conduit and base. All lighting service equipment will be of Company standard design and construction. Where additional equipment is required, such as additional poles required to serve the light or transformers installed to provide the electrical energy supply for the lights, the customer will pay for the full cost of such additional equipment in advance of installation. If the lights installed under this rate are to be spaced such that the distance between the lights is to be more that 150 feet, the Customer will pay any additional costs incurred by the Company prior to the installation of the lights.

EXCESSIVE DAMAGE:

Excessive damage due to wanton or malicious acts shall be charged to the customer at the actual cost of labor and material required to repair or replace the unit. Excessive damage is defined as a pole, lamp, fixture, or conductors that is broken or damaged more than once a year. Notifications of excessive damage shall be made to the customer by the Company prior to billing for repairs.

DISCONTINUANCE OF LIGHTS:

Municipalities or other public authorities shall not discontinue service to more than five percent of the number of lights in service in a calendar year, except that any number of lights in excess of the five percent limit may be discontinued by mutual agreement provided that the municipality or other public authority agrees to pay the Company for the undepreciated value of each light in excess of the five percent limit that has been in service for a period of less than ten years.

TERM OF CONTRACT:

The term of contract shall be one year and shall continue thereafter until terminated by the Company or the customer by written notice given to the other party at least sixty (60) days prior to the date of termination given in such notice.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

ATTACHMENT 2

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 2 RETAIL DELIVERY RATES AND SUPPORTING DOCUMENTATION

RED-LINED TARIFFS

ATTACHMENT 2

EASTERN EDISON COMPANY

RATE SCHEDULE INDEX

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EASTERN EDISON COMPANY UNBUNDLED-RESIDENTIAL REPAYED DELIVERY SERVICE RATE R-1

AVAILABILITY:

This Rate Schedule is available only to residential Customers.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for predominantly domestic purposes in an individual apartment, condominium, private home, other private dwelling or condominium common area.

CHARACTER OF SERVICE:

Electric **saturation** service supplied hereunder shall be single phase or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

<u>Customer Charge:</u>	\$ 1.63 1.47	per month
Distribution/Access Energy Charge:	\$ 0.07858 0. 06 770	per kWh
Transmission Charge:	\$0.00225	per kWh
Generation Charge:	\$0.00911	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Fuel Cost Adjustment
Transmission Cost Adjustment
Access Cost Adjustment

BILLING:

The Billing Amount for electric retail as livery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, the Transmission Charge, the Generation Charge—and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

Date Filed, May 16, 1997

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TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED LOW INCOME RESIDENTIAL REVAIL DELY SERVICE RATE R-2

AVAILABILITY:

This Rate Schedule is available to any residential Customer who is the head of household or principal wage earner and who meets either of the following criteria:

- The Customer is presently receiving:
 - (a) Supplemental Security Income from the Social Security Administration, or
 - (b) Aid to Families with Dependent Children; Economic Assistance for the Elderly, Disabled, and Children; Medicaid; Refugee Resettlement assistance; or Food Stamps from the Massachusetts' Department of Public Welfare, or
 - (c) Low Income Heating Energy Assistance ("LIHEAP") from a certified Community Action Program Agency, or
 - (d) Veteran's Service Benefits (Chapter 115) from the Massachusetts' Veteran Services Administration.
- The Customer had received General Relief from the Massachusetts' Department of Public Welfare at anytime during the period of January 1, 1990, through December 31, 1991.

The Customer will be required to annually certify his or her continued eligibility for this Rate Schedule. Retail delivery service under this Rate Schedule will commence with the first billing period following the date on which the Company receives verification of the Customer's eligibility from the certifying Government Agency.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for predominantly domestic purposes in an individual apartment, condominium, private home, or other private dwelling.

CHARACTER OF SERVICE:

Electric retail desivery service supplied hereunder shall be single phase or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge: \$\frac{1.11}{1.00}\$ per month

Distribution/Access Energy Charge: \$\frac{9.045540.03796}{0.00225}\$ per kWh

Generation Charge: \$0.00911 per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Fuel Cost Adjustment
Transmission Lost Adjustment
Access Cost Adjustment

BILLING:

The Billing Amount for electric retail deliver service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Belivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED-RESIDENTIAL SPACE HEATING RETAIL DESIDENTIAL SPACE RATE R-3

AVAILABILITY:

This Rate Schedule is available only to residential Customers where electricity, or electricity in conjunction with a renewable energy source, is the sole source of energy used for comfort heating and water heating.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for predominantly domestic purposes in an individual apartment, condominium, private home, other private dwelling or condominium common area.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single phase or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$ 2.13 1.92	per month
Distribution/Access Energy Charge:	\$ 0.06632 0.05667	per kWh
Transmission Charge:	\$0.00221	per kWh
Generation Charge:	\$0.00911	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Fuel Cost Adjustment Transmission Cost Adjustment Access Cost Adjustment

Date Filed, May 16, 1997

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BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> <u>For Electric Retail Delivery</u> <u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY UNBUNDLED TIME-OF-USE RESIDENTIAL RETAIL DELIVERY SERVICE RATE R-4

AVAILABILITY:

This Rate Schedule is available only to residential Customers.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for predominantly domestic purposes in an individual apartment, condominium, private home, other private dwelling or condominium common area.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single phase or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$ 0:95 8.06	per month

Distribution/Access Energy Charge:

kWh used during

<u>Peak Hours:</u> \$0.184080.16265 per kWh <u>Off-Peak Hours:</u> \$0.03012 per kWh

Transmission Charge: \$0.00225 per kWh

Generation Charge: \$0.00911 per kWh

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m.

October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours

All other hours.

Holidays are defined as:

New Year's Day President's Day Memorial Day

Columbus Day Veteran's Day Thanksgiving Day

Date Filed, May 16, 1997

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Independence Day Labor Day Christmas Day

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Fuel Cost Adjustment
Transmission Cost Adjustment
Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, the Transmission Charge, the Generations Charges and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's Terms and Conditions for Electric Retail Delivery Service in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED SMALL SECONDARY VOLTAGE GENERAL SERVICE RATE G-1

AVAILABILITY:

This Rate Schedule is available only to Customers whose actual or estimated annual maximum monthly demand is less than 10 kW and whose actual or estimated annual energy consumption is less than 36,000 kWh.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$ 1.63 1.47	per month
Distribution/Access Energy Charge:	\$ 0.08929 0 .03734	per kWh
Transmission Charge:	\$0.00226	per kWh
Generation Charge:	\$0.00911	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Fuel Cost Adjustment
Transmission Cost Adjustment
Access Cost Adjustment

Date Filed, May 16, 1997

BILLING:

The Billing Amount for electric retail deliver service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> to Floor Retail Delivery

<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED MEDIUM SECONDARY VOLTAGE GENERAL ROLL DER VERV SERVICE RATE G-2

AVAILABILITY:

This Rate Schedule is available only to Customers whose actual or estimated annual maximum monthly demand is at least 10 kW but less than 500 kW or whose actual or estimated annual energy consumption is 36,000 kWh or more.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$ 8.19 76.37	per	month
Distribution/Access Demand Charge:	\$ 12.08 10.87	per	kW
Distribution/Access Energy Charge:	\$ 0.02659 0.0209	1per	kWh
 Transmission Charge:	\$0.00224	per	kWh
 Generation Charge:	\$0.00911	per	kWh

DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the lower of the maximum metered 15 minute average load within the billing period or the monthly energy consumption divided by 120.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment Transmission Cost Adjustment Access Cost Adjustment

BILLING:

Date Filed, May 16, 1997

The Billing Amount for electric retail delivers service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERM OF CONTRACT:

The Term of Contract shall be one year and shall continue thereafter until terminated by the Company or shall continue thereafter Company's Terms and conditions for electric Retains Desired Service.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY UNBUNDLED LARGE SECONDARY VOLTAGE GENERAL RETAIL DELIVERY SERVICE RATE G-4

AVAILABILITY:

This Rate Schedule is mandatory for all Customers whose actual or estimated annual maximum monthly demand is 500 kW or more.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$ 19.94 17.29 5	per month
Distribution/Access Demand Charge:	\$ 12.00 0.60	per kW
Distribution/Access Energy Charge: kWh used during Peak Hours: Off-Peak Hours:	\$ 0.03507 0. 02 88 \$ 0.02607 0.020	
Transmission Charge:	\$0.00225	per kWh
Generation Charge:	\$0.00911	-per kWh

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m. October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours

All other hours.

Holidays are defined as:

New Year's Day Columbus Day President's Day Veteran's Day Memorial Day Thanksgiving Day Independence Day Christmas Day

Date Filed, May 16, 1997

Labor Day

DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the maximum metered 15 minute average load during Peak Hours within the billing period, except for those Customers that were taking service from the Company under former <u>General Service Rate No. 21</u> before January 24, 1989, where the Billing Demand in kilowatts for each billing period will be the lower of the maximum metered 15 minute average load during Peak Hours within the billing period or the monthly energy consumption divided by 120.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Fuel Cost Adjustment Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delayery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERM OF CONTRACT:

The Term of Contract shall be one year and shall containe thereafter until terminated by the Company or the Customer insectordance with the Company of Terms and Conditions for Electric Receive Delivery Structure.

TERMS AND CONDITIONS:

The Company's Terms and Conditions for Placeric Retail Delivery
Service in effect from time to time, where not inconsistent with the
specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY UNDUNDLED MEDIUM PRIMARY VOLTAGE GENERAL RETAIL DELIVERY SERVICE RATE G-5

AVAILABILITY:

This Rate Schedule is mandatory for all Customers whose actual or estimated annual maximum monthly demand is at least 100 kW but less than 500 kW.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available primary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$ 48.89 44.00	per month
Distribution/Access Demand Charge:	\$ 9.50 8.55	per kW
Distribution/Access Energy Charge: kWh used during Peak Hours: Off-Peak Hours:	\$ 0.04164 0.03445 \$ 0.03354 0 927.56	per kWh per kWh
Transmission Charge:	\$0.00222	-per kWh

Generation Charge:	\$0.00911	per kWh

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m.

October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours
All other hours.

Holidays are defined as:

New Year's Day President's Day Memorial Day Independence Day Labor Day Columbus Day Veteran's Day Thanksgiving Day Christmas Day

DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the maximum metered 15 minute average load during Peak Hours within the billing period.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Fuel Cost Adjustment Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail deliver service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERM OF CONTRACT:

The Term of Contract shall be one year and shall continue thereafter unvil reminated by the company or The Chatomer in academic with the Company's Terms and Contactions for Electric Retail Delectry Services

TERMS AND CONDITIONS:

The Company's Terms and Conditions for Flectric Retail Delivery
Service in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY UNBUNDLED LARGE PRIMARY VOLTAGE GENERAL RETAIL DELIVERY SERVICE RATE G-6

AVAILABILITY:

This Rate Schedule is mandatory for all Customers whose actual or estimated annual maximum monthly demand is 500 kW or more.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available primary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$ 40.09 44.00	per	month
Distribution/Access Demand Charge:	\$ 9.508.55	per	kW
Distribution/Access Energy Charge: kWh used during			
Peak Hours: Off-Peak Hours:	\$ 0.04145 0.03428 \$ 0.03335 0.02699	per per	
Transmission Charge:	\$0.00226	- per	kWh
Generation Charge:	\$0.00911	per	-kWh

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m.

October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Date Filed, May 16, 1997

Off-Peak Hours
All other hours.

Holidays are defined as:

New Year's Day President's Day Memorial Day Independence Day Labor Day Columbus Day Veteran's Day Thanksgiving Day Christmas Day

DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the maximum metered 15 minute average load during Peak Hours within the billing period.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Fuel Cost Adjustment
Transmission Cost 30 justment
Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERM OF CONTRACT:

The Term of Contract shall be one year and shall continue thereafter until terminated by the Company or the Customer in accordance with the Company's Terms and Contactions for Electric Retail Delivery Service.

TERMS AND CONDITIONS:

The Company's Terms and Conditions for Flectric Retail Delivery Service in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY UNBUNDLED MEDIUM TOU SECONDARY VOLTAGE GENERAL RETAIL DELIVERY SERVICE RATE T-2

AVAILABILITY:

This Rate Schedule is available only to Customers whose actual or estimated annual maximum monthly demand is at least 10 kW but less than 500 kW or whose actual or estimated annual energy consumption is 36,000 kWh or more.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for all purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$ 14.41 12.97	per month
Distribution/Access Demand Charge:	\$ 12.49 11.24	per kW
<pre>Distribution/Access Energy Charge: kWh used during</pre>		
Peak Hours:	\$ 0.03334 0.0269 \$ 0.02434 0.0189	
Off-Peak Hours:	\$ 0.024340 .010	pober wan
Transmission Charge:	\$0.00224	per kW
Generation Charge:	\$ 0.00911	- per kWh

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m. October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Date Filed, May 16, 1997

Off-Peak Hours
All other hours.

Holidays are defined as:

New Year's Day
President's Day
Memorial Day
Independence Day
Labor Day

Columbus Day Veteran's Day Thanksgiving Day Christmas Day

DETERMINATION OF BILLING DEMAND:

The Billing Demand in kilowatts for each billing period will be the maximum metered 15 minute average load during Peak Hours within the billing period.

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Transmission Cost Adjustment
Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charges, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERM OF CONTRACT:

The Term of Contract shall be one year and shall continue thereafter until terminated by the Company or the Customer in accordance with the Company's Terms and Conditions for Electric Retail Delivery Service.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY UNBUNDLED LARGE PRIMARY VOLTAGE AUXILIARY RETAIL DELIVERY GENERAL SERVICE RATE A-6

AVAILABILITY:

Upon execution of a separate written contract for Auxiliary Electric Power Service ("Contract") with the Company, this Rate Schedule is available to any Customer furnishing its own electric power supply ("Facility") for all or part of its total electric retail delivery service requirements provided that:

- 1. the Customer was taking service under this Rate Schedule, before March 1, 1997;
- 2. the Customer's total electric retail delivery service requirements are greater than 500 kW, and
- 3. the Net Capability of the Facility is at least 100 kW but less than 1,000 kW and the Facility is designed to provide at least 20% of the Customer's total electric retail delivery service requirements, or the Net Capability of the Facility is 1,000 kW or more.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for Supplementary Power, Backup Power, and Maintenance Power purposes only.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be three phase, alternating current, at a frequency of sixty Hertz, and at a locally available primary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:

\$ 53.0347.73per month

Distribution/Access Usage Demand Charge:

\$ 7.176.45per kW

<u>Distribution/Access Reservation Demand Charge:</u>\$ 2.332.10per kW

Distribution/Access Energy Charge:

kWh used during

Peak Hours

\$0.041500.03433 per kWh

Off-Peak Hours

\$0.033400.02704per kWh

Transmission Charge:

\$0.00226 per kWh

Generation Charge:

\$0.00911 per kWh

Date Filed, May 16, 1997

Peak Hours

Monday through Friday excluding holidays defined below. April through September, 11:00 a.m. to 4:00 p.m. October through March, 8:00 a.m. to 12:00 noon, and 4:00 p.m. to 7:00 p.m.

Off-Peak Hours All other hours.

Holidays are defined as:

New Year's Day President's Day Memorial Day Independence Day Labor Day Columbus Day Veteran's Day Thanksgiving Day Christmas Day

DETERMINATION OF BILLING PERIODS:

a. Billing Period

The Billing Period consists of the days between consecutive meter readings. Retail delivery service under this Rate Schedule is rendered on a full calendar day basis. The first day of any Billing Period is included in its entirety and the last day of any Billing Period is excluded in its entirety.

b. Backup Billing Period

The Backup Billing Period consists of the Peak Period days within a Billing Period during which Backup Service is rendered. Backup Service is rendered when any part of a forced outage occurs during Peak Period hours and electricity is actually taken.

c. Maintenance Billing Period

The Maintenance Billing Period consists of the Peak Period days within a Billing Period during which Maintenance Service is rendered. Maintenance Service is rendered when any part of a planned outage occurs during Peak Period hours and electric retail delivery service is actually taken.

Date Filed, May 16, 1997

DETERMINATION OF BILLING DEMANDS:

a. Supplementary Demand

The Supplementary Demand in kilowatts is the sum of the maximum metered 15 minute average load recorded during Peak Hours within a Billing Period excluding Backup and Maintenance Billing Periods and the maximum metered 15 minute average load recorded during Peak Hours in excess of the Net Capability of the Facility during Backup and Maintenance Billing Periods.

b. Backup Usage Demand

The Backup Usage Demand in kilowatts is the Average Daily Demand in excess of the Supplementary Demand, where the Average Daily Demand is the sum of the daily maximum metered 15 minute average loads recorded during Peak Hours within the Backup Billing Period divided by the number of days in the Backup Billing Period.

c. Backup Reservation Demand

The Backup Reservation Demand in kilowatts is the Contract Demand in excess of the Supplementary Demand.

d. Maintenance Usage Demand

The Maintenance Usage Demand in kilowatts is the maximum metered 15 minute average load recorded during Peak Hours within the Maintenance Billing Period in excess of the sum of the Supplementary Demand and the Backup Reservation Demand.

DETERMINATION OF BILLING DEMAND CHARGES:

a. Supplementary Demand Charge

The Supplementary Demand Charge shall be the Supplementary Demand times the sum of the Distribution/Access Usage Demand Charge and the Distribution/Access Reservation Demand Charge.

b. Backup Usage Demand Charge

The Backup Usage Demand Charge shall be the Backup Usage Demand times the Distribution/Access Usage Demand Charge times the ratio of the number of Backup Billing Period Days to the number of Billing Period Peak days.

c. Backup Reservation Demand Charge

The Backup Reservation Demand Charge shall be the Backup Reservation Demand times the Distribution/Access Reservation Demand Charge.

Date Filed, May 16, 1997

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Maintenance Usage Demand Charge

The Maintenance Usage Demand Charge shall be the Maintenance Usage Demand times the Distribution/Access Reservation Demand Charge times the ratio of the number of Maintenance Billing Period Days to the number of Billing Period Peak Days.

BACKUP POWER:

The Contract will specify the Customer's maximum Backup Power requirements. Said Backup Power requirements must be determined by the Company to be reasonable given the design specifications and operating characteristics of the Customer's own electrical energy supply source, and other such information the Company considers pertinent to the determination of the appropriate Backup Power requirements of the Customer. The Customer's maximum Backup Power requirements shall be deemed the Contract Demand. The Contract Demand shall not exceed the Net Capability of the Facility.

The Contract Demand will be in effect for a period of one year and shall continue thereafter unless amended in writing by mutual agreement between the Company and the Customer, or automatically amended as hereinafter provided. Each such amended Contract Demand shall be in effect for the period of one year from the date specified in the amended agreement and shall continue thereafter or until superseded by another amended Contract Demand.

In the event the Customer's maximum metered demand exceeds the Contract Demand in any Backup Billing Period, the Contract Demand shall be automatically amended to an amount equal to said metered demand beginning with the Backup Billing Period in which said metered demand occurred. Each such automatically amended Contract Demand shall be in effect for a period of one year and shall continue thereafter or until superseded by another amended Contract Demand.

MAINTENANCE POWER:

The Company agrees to furnish Maintenance Power to the Customer at times convenient to the Company. The Contract will specify the Customer's expected Maintenance Power requirements, expected frequency and duration of Maintenance Power periods, and expected calendar schedule of Maintenance Power periods. Said Maintenance Power requirements, frequency, duration, and schedule must be determined by the Company to be reasonable given the design specifications and operating characteristics of the Customer's own electrical energy source, and other such information the Company considers pertinent to the determination of appropriate Maintenance Power requirements, frequency, duration, and schedule for the Customer. The Customer shall make all requests for Maintenance Power in writing at least fourteen (14) days prior to a planned outage of its electrical energy supply source, and the Company will consent to such requests in writing, which consent shall not be unreasonably withheld.

Date Filed, May 16, 1997

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RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clause in effect from time to time:

Fuel Cost Adjustment Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, Supplementary Demand Charge, the Backup Usage Demand Charge, the Backup Reservation Demand Charge, the Maintenance Usage Demand Charge, the Distribution/Access Energy Charges, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the sum of the Customer Charge and the Backup Reservation Demand Charge.

Electric retail delivery service charges determined under this Rate Schedule will be calculated separately for each Billing Period using the appropriate billing determinants for the Billing Period. Bills rendered for Short Billing Periods will be prorated on the ratio of the number of days of the Short Billing Period to the number of days of the Normal Billing Period that the Short Billing Period lies within.

The Customer shall notify the Company of all outages of the Facility within three (3) business days following the end of a Billing Period. Where the Customer fails to notify the Company, billing will be rendered as if the Company furnished only Supplementary Power during the entire Billing Period.

INTERCONNECTION REQUIREMENTS:

The Customer will execute a separate written Interconnection Agreement in accordance with the Company's <u>Interconnection Guidelines for Small-Scale Generators</u> in effect from time to time.

TERM OF CONTRACT:

The Term of Contract shall be one year and shall continue thereafter until terminated by either the Company or the Customer by written notice given to the other party at least thirty (30) days prior to the date of termination specified in such notice.

OTHER TERMS AND CONDITIONS:

"Backup Power" means electrical energy and capacity supplied by the Company to replace energy and capacity ordinarily provided by the

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Facility during an unscheduled outage of the Facility.

"Billing Period" means either a Normal Billing Period or a Short Billing Period.

"Maintenance Power" means electrical energy and capacity supplied by the Company to replace energy and capacity ordinarily provided by the Facility during an scheduled outage of the Facility.

"Net Capability" means the design net electrical capability of the Facility under International Standards Organization ("ISO") conditions.

"Normal Billing Period" means the time period between two consecutive billing cycle dates during which electric service is rendered.

"Peak Day" means any day which contains Peak Hours.

"Short Billing Period" means the time period between a starting meter reading date and the next billing cycle date or the time period between a previous billing cycle date and an ending meter reading date during which electric service is rendered.

"Supplementary Power" means electrical energy and capacity supplied by the Company regularly used by the customer in addition to that which is provided by the Facility itself.

The Company's <u>Terms and Conditions</u> for <u>Flectric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY UNBUNDLED GENERAL SPACE HEATING RETAIL DELIVERY SERVICE RATE H-1

AVAILABILITY:

This Rate Schedule is available only to non-residential Customers where electricity, or electricity in conjunction with a renewable energy source, is the sole source of energy used for comfort heating and water heating.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for predominantly domestic purposes in buildings used principally for living quarters, and in buildings regularly used for educational and religious purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

Customer Charge:	\$ 6.13 5.52	per month
Distribution/Access Energy Charge:	\$ 0.07164 0.06145	per kWh
Transmission Charge:	\$0.00225	per kWh
Generation Charge:	-\$0.00911	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Fuel Cost Adjustment
Transmission Cost Adjustment
Access Fost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY UNDUNDLED GENERAL HEATING RETAIL DELIVERY SERVICE RATE H-2

AVAILABILITY:

This Rate Schedule is available only to Customers that were taking service from the Company under former <u>General Heating Service Rate</u> <u>No. 35</u> before January 24, 1989, where electricity, or electricity in conjunction with a renewable energy source, is the source of energy used for the purposes specified below.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for space heating, cooking, air conditioning, and water heating for other than industrial purposes. Electricity furnished delivered hereunder shall be metered separately and electric service for other purposes will be furnished delivered under other applicable Rate Schedules.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

<u>Customer Charge:</u>	\$ 1.63 1.47 per	r month
Distribution/Access Energy Charge	: \$ 0.07265 0.06236per	kWh
Transmission Charge:	\$0.00225 per	r kWh
Generation Charge:	\$0.00911 per	r kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Fuel Cost Adjustment
Transmission Cost Adjustment
Access Cost Adjustment

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions</u> for <u>Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

EASTERN EDISON COMPANY UNBUNDLED CONTROLLED WATER HEATING RETAIL DELIVERY SERVICE RATE W-1

AVAILABILITY:

This Rate Schedule is available only to Customers that were taking retail delivery service from the Company under former Off-Peak Water Heating Rate No. 41 before January 24, 1989.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for water heating provided that the Customer shall have installed an electric water heater of a type approved by the Company. The Company will, by means of a controlling device, fix the hours when this retail delivery service is available. Electricity furnished delivered hereunder shall be metered separately and electric retail delivery service for other purposes will be furnished delivered under other applicable Rate Schedules.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at a locally available secondary distribution voltage.

RATE:

The Rate shall consist of the following charges:

<u>Customer Charge:</u>	\$ 1.13 1.02	per month
Distribution/Access Energy Charge:	\$ 0.06473 0.05523	per kWh
 Transmission Charge:	\$0.00227	-per kWh
Generation Charge:	\$0.00911	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Fuel Cost Adjustment
Transmission Cost Adjustment
Access Cost Adjustment

- 2 -

BILLING:

The Billing Amount for electric retail delivery service supplied under this Rate Schedule shall consist of the sum of the Customer Charge, the Distribution/Access Charge, the Transmission Charge, the Generation Charge and Rate Adjustments. The Minimum Billing Amount shall consist of the Customer Charge.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

<u>EASTERN_EDISON_COMPANY</u> <u>UNBUNDLED_LIGHTING_RETAIL_DELIVERY_SERVICE_RATE_S-1</u>

AVAILABILITY:

This Rate Schedule is available only to Customers where electricity is supplied to lighting equipment owned and maintained by the Company, on Company owned poles, for dusk-to-dawn operation of approximately 4,000 burning hours per year.

APPLICABILITY:

Electricity furnished delivered under this Rate Schedule shall be used for lighting purposes.

CHARACTER OF SERVICE:

Electric retail delivery service supplied hereunder shall be single or three phase, alternating current, at a nominal frequency of sixty hertz, and at the utilization voltage of the Company's lighting equipment.

RATE:

The Rate shall consist of the following charges:

CUSTOMER AND DISTRIBUTION:

Nominal	Type	Annual Price	Annual Price
Lumens	<u>Fixture</u>	<u>per Luminaire</u>	<u>per Luminaire</u>
		(a)	(b)

A. LIGHTING SUPPLIED BY OVERHEAD CONDUCTORS:

SODIUM VAPOR LAMP

1. For lights on ordinary wood poles:

3,300	Streetlight	\$ 59.29 52.63	\$ 139.95 125.23
5,800	Streetlight	65.35 5 7.8 1	146.00 130,39
5,800	Floodlight	79.22 70.29	159.86 142.86
9,500	Streetlight	74.84 65.90	155.48 138.48
9,500	PBU	80.32 70.84	160.95 143.40
9,500	Floodlight	88.70 78.38	169.34 150.95
16,000	Streetlight	88.78 77.80	-169.42 150.37
16,000	Floodlight	103.59 91.13	$\frac{-104.23}{163.70}$
25,000	Streetlight	133.29 116.10	-213.93 188.67
25,000	Floodlight	141.19 123.21	221.83 195.78
50,000	Streetlight	183.07 158.78	-263.71 231.36
50,000	Floodlight	191.99 166.81	-272.63 239.39

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	Nominal <u>Lumens</u>	Type <u>Fixture</u>	Annual Price per Luminaire (a)	Annual Price per Luminaire (b)
A.	LIGHTING S	UPPLIED BY OV	'ERHEAD CONDUCTORS: (Cont'd)
			MERCURY VAPOR LAMP	
2.	For lights	on ordinary	wood poles:	
	4,200 8,600 8,600 12,100 22,500 22,500 22,500 63,000	Streetlight Streetlight PBU Streetlight Streetlight PBU Floodlight Floodlight	$\begin{array}{r}\frac{\$90.40}{100.49}70.80 \\\frac{100.49}{2}87.94 \\\frac{106.93}{2}93.74 \\\frac{130.47}{2}13.84 \\\frac{176.30}{2}153.01 \\\frac{100.38}{2}156.68 \\\frac{170.00}{3}155.26 \\\frac{364.82}{2}14.78 \end{array}$	
3.	For lights	on standard	metal poles:	
	22,500	Streetlight	\$104.96160.80	\$336.56297,.24
			INCANDESCENT LAMP	
4.	For lights	on ordinary	wood poles:	
	1,000 2,500 9,900	Streetlight Streetlight Floodlight		•••
			METAL HALIDE LAMP	
5.	For lights	on ordinary	wood poles:	
	20,000 40,000 115,000	Floodligh Floodligh Floodligh	t 223.22 195.33	\$254.78 225.72 323.48 285.56 399.64 346.76

-3-

Nominal	Type	Annual Price	Annual Price
Lumens	<u>Fixture</u>	<u>per Luminaire</u>	<u>per Luminaire</u>
	 :	(a)	(b)

B. LIGHTING SUPPLIED BY UNDERGROUND CONDUCTORS:

SODIUM VAPOR LAMP

1. For lights on standard metal poles:

9,500 9,500 9,500 9,500 16,000 16,000 25,000 25,000	Streetlight Streetlight-Twin PBU Floodlight Streetlight Floodlight Streetlight Streetlight Streetlight	\$88.1977.92 	\$252.93226.18 \$30.12301.41 \$253.79226.96 \$266.00238.09 \$285.41254.77 \$311.30276.38 \$464.18410.02 \$323.01286.84
,	_	1.41.700000	

2. For lights on poles less than 15 ft. high:

3,300	T&C	\$ 58.44 51.87	\$134.14 120.00
5,800	T&C	-63.31 5 5.97	$-\frac{139.02}{124.11}$
9,500	T&C	-74.22 65, 3 5	- 149.91 133.47
16,000	T&C	- 00.17 77.25	-163.86 145.37

3. For lights on poles more than 15 ft. high:

3,300	Streetlight	\$ 64.05 56.92	\$237.40 212.93
5,800	Streetlight	-70.10 62.08	243.46 218.10
5,800	Shoe Box	109.54 97. 58	211.04 188.93
9,500	Streetlight	-79.82 70. 39	253.18 226.41
9,500	Shoe Box	129.10 114.7 4	230.62 206.11

4. For lights on ordinary wood poles:

3,300	Streetlight	\$ 69.65 61.96	\$ 188.83 169.22
5,800	Streetlight	75.72 67.14	194.89 174.39
5,800	Floodlight	89.58 79.61	200.75 186.87
9,500	Streetlight	85.18 75.21	204.36 182.47
9,500	PBU	-90.68 80.16	209.05 187.41
9,500	Floodlight	-99.04 87.68	218.22 1 94,9 5
16,000	Streetlight	106.80 94.02	225.99 201.29
16,000	Floodlight	113.94 100.44	233.12 207.70
25,000	Streetlight	143.63 125.40	262.83 232.68
25,000	Floodlight	151.54 132.52	270.72 239.78
50,000	Streetlight	193.42 168.10	$\frac{312.61}{275.37}$
50,000	Floodlight	202.34 176.13	321.52 283.39

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Nominal	Type	Annual Price per Luminaire	Annual Price per Luminaire
<u>Lumens</u>	<u>Fixture</u>	<u>per nammarre</u> (a)	(b)

B. LIGHTING SUPPLIED BY UNDERGROUND CONDUCTORS: (Cont'd)

MERCURY VAPOR LAMP

5. For lights on standard metal poles:

8,600	Streetlight	• • •	\$ 278.59 248.23
8,600	PBU	108.37 95.03	• • •
22,500	Streetlight-Twin		406.67 360.34

6. For lights on poles less than 15 ft. high:

4,200	T&C	\$ 77.34 68.05	
8,600	T&C	97.42 85.18	
8.600	PMA	110.92 104.53	

7. For lights on poles more than 15 ft. high:

4,200	Streetlight	\$85.16 75.08	\$ 258.51 231.10
1,200	002000329	1 Maria 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

8. For lights on ordinary wood poles:

```
22,500 Streetlight $\frac{195.92170.67}{...}
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- (a) For fixtures mounted on existing or prepaid lighting poles.
- (b) For fixtures mounted on lighting poles.

TRANSMISSION CHARGE:	\$0.00239	per kWh
GENERATION CHARGE:	\$0.00911	per kWh

RATE ADJUSTMENTS:

The Billing Amount determined under this Rate Schedule shall be adjusted in accordance with the provisions of the following clauses in effect from time to time:

Fuel Cost Adjustment Transmission Cost Adjustment Access Cost Adjustment

BILLING:

The Billing Amount for retailedelivery lighting service supplied under this Rate Schedule shall consist of the sum of one-twelfth of the Annual Price per Luminaire the Transmission Charge, the Generation Charge and Rate Adjustments.

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EOUIPMENT AND INSTALLATION:

The Company will furnish, install, own, and maintain all necessary lighting service equipment including but not limited to luminaires, lamps, brackets, controls, conductors, and poles; and will furnish the electrical energy supply for the lights. For installations supplied by underground conductors, the customer will provide trenching and backfilling, and will furnish, install, and maintain the conduit and base. All lighting service equipment will be of Company standard design and construction. Where additional equipment is required, such as additional poles required to serve the light or transformers installed to provide the electrical energy supply for the lights, the customer will pay for the full cost of such additional equipment in advance of installation. If the lights installed under this rate are to be spaced such that the distance between the lights is to be more that 150 feet, the Customer will pay any additional costs incurred by the Company prior to the installation of the lights.

EXCESSIVE DAMAGE:

Excessive damage due to wanton or malicious acts shall be charged to the customer at the actual cost of labor and material required to repair or replace the unit. Excessive damage is defined as a pole, lamp, fixture, or conductors that is broken or damaged more than once a year. Notifications of excessive damage shall be made to the customer by the Company prior to billing for repairs.

DISCONTINUANCE OF LIGHTS:

Municipalities or other public authorities shall not discontinue service to more than five percent of the number of lights in service in a calendar year, except that any number of lights in excess of the five percent limit may be discontinued by mutual agreement provided that the municipality or other public authority agrees to pay the Company for the undepreciated value of each light in excess of the five percent limit that has been in service for a period of less than ten years.

TERM OF CONTRACT:

The term of contract shall be one year and shall continue thereafter until terminated by the Company or the customer by written notice given to the other party at least sixty (60) days prior to the date of termination given in such notice.

TERMS AND CONDITIONS:

The Company's <u>Terms and Conditions for Electric Retail Delivery</u>
<u>Service</u> in effect from time to time, where not inconsistent with the specific provisions hereof, are a part of this Rate Schedule.

Date Filed, May 16, 1997

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 2 RETAIL DELIVERY RATES AND SUPPORTING DOCUMENTATION

SUMMARY OF PROPOSED RATE CHANGES

EASTERN EDISON COMPANY D.P.U. 96-24 SUMMARY OF PROPOSED RATE CHANGES

Retail Delivery Rates

UNBUNDLED	RATE		RETAIL DELIVERY	RATE	
RATE R-1 (M.D.			RATE R-1 (M.D.P.U	. 342)	
	BASE				W/ADJ (2
Customer Charge		\$1.63	Customer Charge Distribution/Access Egy Charge	\$1.47	
Distribution/Access Egy Char Transmission Charge	0.00225	0.00225	Transmission Charge	0.00000	
Generation Charge	0.00911	0.02800	Standard Offer	0.02800	0.028
RATE R-2 (M.D.)			RATE R-2 (M.D.P.U	,	
	BASE	W/ADJ (2)		BASE	W/ADJ (
Customer Charge		. \$1.11	Customer Charge	\$1.00	\$1.
			Distribution/Access Egy Charge	\$0.03796	\$0.0379
Distribution/Access Egy Charg	_	•	Transmission Charge	0.00000	0.002
Transmission Charge		0.00225			
Generation Charge	0.00911	0.02800	Standard Offer	0.02800	0.0280
RATE R-3 (M.D.)	· · - · · ·		RATE R-3 (M.D.P.U	. 344)	
	BASE				
					W/ADJ (2
Customer Charge	\$2.13	\$2.13	Customer Charge	\$1.92	\$1.
			Distribution/Access Egy Charge	\$0.05667	\$0.056
Distribution/Access Egy Charg			Transmission Charge	0.00000	
Transmission Charge	0.00221	0.00221			
Generation Charge	0.00911	0.02800			
			Standard Offer	0.02800	0.0280
RATE R-4 (M.D.)			RATE R-4 (M.D.P.U		
		W/ADJ (2)		BASE	W/ADJ (2
Customer Charge	\$8.95		Customer Charge		\$8.0
Distribution/Access Egy Charg			Distribution/Access Egy Charge		
Peak Hours		\$0.18408	Peak Hours	\$0.16265	\$0.1626
Off-Peak Hours	0.03683	0.03683	Off-Peak Hours	0.03012	
Transmission Charge	0.00225	0.00225	Transmission Charge	0.00000	0.0022
Generation Charge	0.00911	0.02800	Standard Offer	0.02800	0.0280
RATE G-1 (M.D.F			RATE G-1 (M.D.P.U.		
	BASE	W/ADJ (2)		BASE	W/ADJ (2
Customer Charge	\$1.63		Customer Charge Distribution/Access Egy Charge	\$1.47	\$1.4
Distribution/Access Egy Charg	re \$0.08929	\$0.08929	Transmission Charge		0.0022
Transmission Charge		0.00226		4.0000	0.0022
Generation Charge		0.02800			
			Standard Offer	0.02800	
# 1. PRESENT ADJUSTMENT:			# 2. PROPOSED ADJUSTMENT:		
			TCA	Vari	es by Rat
FCA (TY Average)		\$0.01889			

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EASTERN EDISON COMPANY D.P.U. 96-24 SUMMARY OF PROPOSED RATE CHANGES Retail Delivery Rates

UNBUNDLED 1	RATE		RETAIL DELIVER	Y RATE	
RATE G-2 (M.D.P			RATE G-2 (M.D.P.		
	BASE	W/ADJ (2)			W/ADJ (2
Customer Charge	\$R 10	\$8.19	Customer Charge		
one no mar 50	40.1 3	40.25	Distribution/Access Dem Charge	\$7.37 10.87	
Distribution/Access Dem Charge					
Distribution/Access Egy Charge	\$0.02659	\$0.02659	Distribution/Access Egy Charge	\$0.02091	\$0.0209
Transmission Charge	0.00224	0.00224	Transmission Charge	0.00000	0.0022
Generation Charge	0.00911	0.02800	Standard Offer	0.02800	0.0280
RATE G-4 (M.D.P.			RATE G-4 (M.D.P.		
	BASE	W/ADJ (2)			W/ADJ (
Customer Charge		\$19.94	State		
Distribution/Access Dem Charge			Customer Charge Distribution/Access Dem Charge		\$17.9 10.6
		22.00	DISCILLACION/ACCORD Dell' CHarge	10.00	10.0
Distribution/Access Egy Charge			Distribution/Access Egy Charge		
Peak Hours		\$0.03507	Peak Hours	\$0.02854	
Off-Peak Hours	0.02607	0.02607	Off-Peak Hours	0.02044	0.0204
Transmission Charge	0.00225	0.00225	Transmission Charge	0.00000	0.002
Generation Charge	0.00911	0.02800	Standard Offer	0.02800	0.028
RATE G-5 (M.D.P.	U. 329)		RATE G-5 (M.D.P.T	J. 349)	
	BASE				W/ADJ (2
Customer Charge		\$48.89	Customer Charge		\$44.0
Distribution/Access Dem Charge			Distribution/Access Dem Charge		
Distribution/Access Egy Charge			Distribution/Access Egy Charge		
Peak Hours	\$0.04164	\$0.04164	Peak Hours	\$0.03445	\$0.034
Off-Peak Hours	0.03354	0.03354	Off-Peak Hours	0.02716	0.027
Transmission Charge	0.00222	0.00222	Transmission Charge	0.00000	0.002
Generation Charge	0.00911	0.02800	Standard Offer	0.02800	0.028
RATE G-6 (M.D.P.			RATE G-6 (M.D.P.U. 350)		
		W/ADJ (2)		BASE	W/ADJ (
Customer Charge	\$48.89	\$48.89	Customer Manage		~
Distribution/Access Dem Charge			Customer Charge Distribution/Access Dem Charge	\$44.00 8.55	\$44.0 8.9
Distribution/Access Egy Charge			Distribution/Access Egy Charge		
Peak Hours	\$0.04145		Peak Hours	\$0.03428	\$0.0342
Off-Peak Hours	0.03335	0.03335	Off-Peak Hours	0.02699	0.0269
Transmission Charge	0.00226	0.00226	Transmission Charge	0.00000	0.002
Generation Charge	0.00911	0.02800	Standard Offer	0.02800	0.0280
# 1. PRESENT ALJUSTMENT:			# 2. PROPOSED ADJUSTMENT;		
			TCA	Vaud	es by Rat
				UAT:	

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EASTERN EDISON COMPANY D.P.U. 96-24 SUMMARY OF PROPOSED RATE CHANGES Retail Delivery Rates

UNBUNDLED F	RATE		RETAIL DELIVERY	RATE	
RATE T-2 (M.D.P.			RATE T-2 (M.D.P.U		
	BASE	W/ADJ (2)		BASE	W/ADJ (2
Customer Charge		614 41	O		
Distribution/Access Dem Charge	12.41	\$14.41 12.49	Customer Charge	\$12.97	\$12.9
PIDCIIDACION/ACCESS DEM CHAIGE	12.49	12.49	Distribution/Access Dem Charge	11.24	11.2
Distribution/Access Egy Charge			Distribution/Access Egy Charge		
Peak Hours	\$0.03334	\$0.03334	Peak Hours	\$0.02698	\$0.0269
Off-Peak Hours		0.02434	Off-Peak Hours	0.01888	
Transmission Charge	0.00224	0.00224	Transmission Charge	0.00000	0.0022
Generation Charge	0.00911	0.02800	Standard Offer	0.02800	0.0280
RATE A-6 (M.D.P.			RATE A-6 (M.D.P.U		
	RASE	W/ADJ (2)			W/ADJ (2
		\$53.03	Customer Charge	\$47.73	\$47.7
Distribution/Access Demand Cha	raes.		-	•	4
Usage Demand Charge		\$7.17	Distribution/Access Demand Charg Usage Demand Charge		\$6.45
Reservation Demand Charge	2.33	2.33	Reservation Demand Charge	2 10	20.45
			MODEL VALLOIT DESIRENCE CHATGE	2.10	2.10
Distribution/Access Energy Cha	rges:		Distribution/Access Energy Chard	res:	
Peak Hours	\$0.04150	\$0.04150		\$0.03433	\$0.03433
Off-Peak Hours	0.03340	0.03340		0.02704	
Transmission Charge	0.00226	0.00226	Transmission Charge	0.00000	0.00226
Generation Charge	0.00911	0.02800	Standard Offer	0.02800	0.02800
RATE H-1 (M.D.P.	U. 333)		RATE H-1 (M.D.P.U.	-	
		W/ADJ (2)	7777		W/ADJ (2)
			•		
Customer Charge	\$6.13	\$6.13	Customer Charge		\$5.52
			Distribution/Access Egy Charge		
Distribution/Access Egy Charge		•	Transmission Charge	0.00000	0.00225
Transmission Charge Seneration Charge		0.00225			
Seneración charge	0.00911	0.02800	Standard Offer	0.02800	0.02800
RATE H-2 (M.D.P.)	J. 334} 		RATE H-2 (M.D.P.U.	354)	
		W/ADJ (2)		BASE	W/ADJ (2)
lustomer Charge	\$1.63		Customer Charge	\$1.47	
•		*	Distribution/Access Egy Charge		\$0.06236
istribution/Access Egy Charge	\$0.07265	\$0.07265	Transmission Charge	0.00000	
ransmission Charge	0.00225	0.00225	-		
Generation Charge	0.00911	0.02800			
			Standard Offer	0.02800	0.02800
					
1. PRESENT ADJUSTMENT:			# 2. PROPOSED ADJUSTMENT:		
			TCA	17ami	es by Rate
			1 Car	AGLT	ob wy male

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EASTERN EDISON COMPANY D.P.U. 96-24 SUMMARY OF PROPOSED RATE CHANGES Retail Delivery Rates

UNBUNDLED	RATE
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RETAIL DELIVERY RATE

											R	A	т	E		W	-	1		C	М	. !	D	. :	p		U			3	3	5)				
_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	

RATE W-1 (M.D.P.U	. 335)		RATE W-1 (M.D.P.U	. 355)	
	ASE	W/ADJ (2)		BASE	W/ADJ (2)
Customer Charge	\$1.13	\$1.13	Customer Charge Distribution/Access Egy Charge	\$1.02 \$0.05523	\$1.02 \$0.05523
Distribution/Access Egy Charge Transmission Charge	\$0.06473 0.00227	\$0.06473 0.00227	Transmission Charge	0.00000	0.00227
Generation Charge	0.00911	0.02800	Standard Offer	0.02800	0.02800

1. PRESENT ADJUSTMENT: # 2. PROPOSED ADJUSTMENT: TCA Varies by Rate FCA (TY Average) \$0.01889 ACA \$0.00000

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EASTERN EDISON COMPANY D.P.U. 96-24

SUMMARY OF PROPOSED RATE CHANGES

Retail Delivery Rates

	UNBUNDLED				RETAIL DELIVERY RATE (M.D.P.U. 356)								
	BAS:	E (B)	W/ADJUST	MENTS (B)		BASI		W/ADJUSTMENTS (A) (E					
									(B)				
					BY OVERHEAD CONDUCTORS								
SODIUM VAPOR LAMP		i			SODIUM VAPOR LAMP								
For Lights on Ordina	•				For Lights on Ordin								
3,300 ST. LT.			\$66.59	\$147.25	3,300 ST. LT.			\$59.92	\$132.5				
5,800 ST. LT.			75.50	156.15	5,800 ST, LT.			67.96					
5,800 FLOOD			89.37	170.01	5,800 FLOOD			80.44					
9,500 ST. LT.	74.84	155.48	89.30	169,94	9,500 ST. LT.			80.37					
9,500 PBU	80.32		94.78	175.41	9,500 PBU	70.84	143.40		157.8				
9,500 FLOOD	88.70	169.34	103.16	183.80	9,500 FLOOD	78.38	150.95	92.85	165.4				
16,000 ST. LT.	88.78		109.81	190.45	16,000 ST. LT.	77.80	150.37	98.83	171.4				
16,000 FLOOD	103.59	184.23	124.62	205.26	16,000 FLOOD	91.13	163.70	112.16	184.7				
25,000 ST. LT.	133.29	213.93	172.01	252.65	25,000 ST. LT.	116.10	188.67	154.81	227.3				
25,000 FLOOD	141.19	221.83	179.91	260.55	25,000 FLOOD		195.78	161.92	234.4				
50,000 ST. LT.	183.07	263.71	242.81	323.45	50,000 ST. LT.	158.78	231.36	218.53	291.1				
50,000 FLOOD	191.99	272.63	251.73	332.37	50,000 FLOOD	166.81	239.39	226.56	299.1				
MERCURY LIGHTS					MERCURY LIGHTS								
For Lights on Ordina	-				For Lights on Ordin	ary Wood Pol	.es						

4,200 ST. LT.			95.92	• • •	4,200 ST. LT.			86.33	• • •				
8,600 ST. LT.	100.49		125.47		8,600 ST. LT.	87.94		112.92					
8,600 PBU	106.93		131,91	• • •	8,600 PBU	93.74		118.72					
12,100 ST. LT. 22,500 ST. LT.	130.47		166.33		12,100 ST. LT.			149.70					
22,500 ST. LT.	176.30		232.95		22,500 ST. LT.			209.65					
22,500 PBU	180.38		237.03	• • •	22,500 PBU	156.68		213.32					
22,500 FLOOD 63,000 FLOOD	180.38 178.80 364.82		235.45 500.45		22,500 FLOOD 63,000 FLOOD	155.26		211.90					
45,000 12002	301.02	•••	500.45		63,000 FEOOD	314.75		450.41	• • •				
For Lights on Standa		oles 			For Lights on Stand	lard Metal Po	les 						
22,500 ST. LT.	184.96	336.56	241.61	393.21	22,500 ST. LT.	160.80	297.24	217,44	353.88				
NCANDESCENT LIGHTS					INCANDESCENT LIGHTS								
or Lights on Ordina					For Lights on Ordinary Wood Poles								
1,000 ST. LT.			72.41		1,000 ST. LT.			£5 19					
2,500 ST. LT.			109.36		2,500 ST. LT.			65.17					
9,900 FLOOD			250.25		9,900 FLOOD			98.43 225.23					
			•										
ETAL HALIDE or Lights on Ordina	ry Wood Pol	es			METAL HALIDE For Lights on Ordinary Wood Poles								
20,000 ST. LT.	154.52	254.78	190.38	290.64	20,000 ST. LT.	135.48	225.72	171.34	261.56				
40,000 ST. LT.	223.22	323.48	278.90	379.16	40,000 ST. LT.			251.01	341.24				
115,000 FLOOD	299.38	399.64	428.45	528.71	115,000 FLOOD	256.53		385.60	475.83				
	mounted on mounted on			lighting pol	ea								
nbundled rate adjus	TMENTS :				PROPOSED ADJUSTMENT:	c .							
FCA (TY Average):					STANDARD OFFER:								
rca (II Average)													
TRANSMISSION:	0.00239				TCA:	\$0.00239							

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EASTERN EDISON COMPANY D.P.U. 96-24

SUMMARY OF PROPOSED RATE CHANGES

Retail Delivery Rates

	=======	=======		Retall Deli	very Rates								
	NBUNDLED R	ATE (M.D.	P.U. 336)			RETAIL DEL	IVERY RATE	(M.D.P.U.	356)				
	BASE												
	(A)	(B)	W/ADJUST (A)	(B)		EAS (A)	E (B)	W/ADJUST (A)	MENTS (B)				
,	• • • • · · · · · · · · · · · · · · · ·		LIGHTS :		UNDERGROUND CONDUCTORS								
SODIUM VAPOR LAMP					SODIUM VAPOR LAMP								
For Lights on Standard					For Lights on Standa								
9,500 ST. LT.	\$88.19	\$252.93	\$102.65	\$267.39	9,500 ST. LT.	\$77.92	\$226.18	¢82.20	#740 C				
9,500 ST. LT. TW			205.41	367.05	9,500 ST. LT. TW		301.41	\$92.39 184.88	\$240.6 330.3				
9,500 PBU	90.68		105.14		9,500 PBU	80.16	301,41	94.63					
9,500 FLOOD	89.06		103.52	268.25	9,500 PLOOD	78.70		93.17	 241.4				
16,000 ST LT	102 14	266 RR	123,17	287.91	16,000 ST. LT.								
16,000 FLOOD	120.68	285.41	141.71	306.44	16,000 FLOOD	106.51		127.54	259.1				
25,000 ST. LT.	146.65	311.38	185.37	350.10	25,000 ST. LT.	100.31	234.77		275.8				
25,000 ST. LT. TW			379.97	541.61	25,000 ST. LT. TW			166.83	315.0				
25,000 FLOOD	158.27	323.01	196.99	361.73				341.98	487.4				
-	196.43		256.17		25,000 FLOOD			177.29	325.5				
50,000 FLOOD	209.06				50,000 ST. LT.	170.81	319.06	230.56	378.8				
30,000 11000	209.06	3/3.01	268.80	433.55	50,000 FLOOD	182.17	330.45	241.92	390.2				
or Lights on Ordinary					For Lights on Ordinary Wood poles								
	69.65	188.83	76.95	196.13	3,300 ST. LT.	61.96	169.22	69.25	176.5				
	75.72	194.89	85.87	205.04	5,800 ST. LT.	67.14	174.39	77.29	184.5				
5,800 FLOOD	89.58	208.75	99.73	218.90	5,800 PLOOD	79.61	186.87	89.76	197.0				
9,500 ST. LT.	85.18	204.36	99.64	218.82	9,500 ST. LT.	75.21		89.68	196.9				
9,500 PBU	90.68	209.85	105.14	224.31	9,500 PBU	80.16		94.63	201.8				
9,500 FLOOD	99.04	218.22	113.50	232.68	9,500 FLOOD	87.68		102.15	209.4				
16,000 ST. LT.	106.80	225.99	127.83	247.02	16,000 ST. LT.	94.02		115.05	222.3				
16,000 FLOOD	113.94	233.12	134.97	254.15	16,000 FLOOD	100.44		121.47	228.7				
25,000 ST. LT.	143.63	262.83	182.35	301.55	25,000 ST. LT.	125.40		164.11	271.3				
25,000 FLOOD	151.54	270.72	190.26	309.44	25,000 FLOOD	132.52		171.23	278.4				
50,000 ST. LT.	193.42	312.61	253.16	372.35	50,000 ST, LT.		275.37	227.85	335.1				
50,000 FLOOD	202.34	321.52	262.08	381.26	50,000 FLOOD	176.13		235.88	343.1				
or Lights on Poles le		_			For Lights on Poles 1			i.					
			•										
3,300 T&C.	58.44	134.14	65.74	141.44	3,300 T&C.	51.87	120.00	59.16	122 24				
	63.31		73,46	149.17	5,800 T&C.	55.97		66.12	127.29				
		149.91		164.37	9,500 T&C.	65.35		79.82	134.20 147.94				
16,000 T&C.	88.17	163.86		184.89	16,000 T&C.	77.25	145.37	98.28	166.40				
or Lights on Poles mo					For Lights on Poles m		-						
3 300 cm . rm	EA 05	225 44		244 22									
3,300 ST. LT.		237.40			3,300 ST. LT.	56.92	212.93	64.21	220.22				
5,800 ST. LT. 5,800 SHOEBOX	70.10	∠93.46 23.46	80.25		5,800 ST. LT.	62.08	218.10	72.23	228.29				
				221.19	5,800 SHORBOX	97.58	188.93	107.73	199.08				
9,500 ST. LT.	79.82 129.10		94.28		9,500 ST. LT.			84.86	240.88				
9,500 SHOEBOX	129.10	230.62 			9,500 SHOEBOX	114.74	206.11	129.21	220.58				
A) - Fixture mon 3) - Fixture mon	inted on ex	kisting o	r prepaid										
NBUNDLED RATE ADJUSTM	ents :				DDODOCTO AD TICMOTOR								
FCA (TY Average): (PROPOSED ADJUSTMENTS								
TRANSMISSION:					STANDARD OFFER:		•						
	0.00239					\$0.00239							
					ACA:	\$0.00000							

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EASTERN EDISON COMPANY

D.P.U. 96-24 SUMMARY OF PROPOSED RATE CHANGES Retail Delivery Rates

	UNBUNDLED	RATE (M.D.	P.U. 336)		RETAIL DELIVERY RATE (M.D.P.U. 356)								
	BAS		W/ADJUST			BAS	E	W/ADJUST	MENTS				
	(A)	(B)	(A)	(B)		(A)	, ,	(A)					
			LIGHTS	BEING PED BY	UNDERGROUND CONDUCTORS (******						
MERCURY VAPOR LAMP					MERCURY VAPOR LAMP								
For Lights on Standa					For Lights on Standar	rd Metal P	oles						
8,600 ST. LT. 8,600 PBU	\$108.37		\$133.35		8,600 ST. LT. 8,600 PBU	 \$95.03	\$248.23 	 \$120.01					
22,500 ST. LT. TW		406.67		463.32	22,500 ST. LT. TW		360.34		416.98				
For Lights on Poles					For Lights on Poles 1	Less than	15 ft. hig	h 					
4,200 T&C. 8,600 T&C.					4,200 T&C. 8,600 T&C.	68.05		83.58					
8,600 PMA					8,600 PMA	85.18 104.53		110.16 129.51					
or Lights on Poles					For Lights on Poles m	nore than :	15 ft. hig	n					
4,200 ST. LT.	85.16	258.51	100.68	274.03	4,200 ST. LT.				246.63				
or Lights on Ordina					For Lights on Ordinar								
22,500 ST. LT.	195.92	• • •	252.57		22,500 ST. LT.	170.67		227 31					
	mounted on mounted on MENTS: 0.01889 0.00239	existing o	or prepaid	lighting pol	PROPOSED ADJUSTMENTS STANDARD OFFER: TCA:	:							

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EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 2 RETAIL DELIVERY RATES AND SUPPORTING DOCUMENTATION

TYPICAL BILL COMPARISONS

Rate R-1

nergy	Present	Proposed Unbundled	Revenue		Proposed Retail Delivery	Revenue	ŧ
kWh)	Bill	Bill	Difference	Difference	Bill	Difference	
0	\$1.63	•	,	•		(\$0.16)	-10.0%
150	17.83	17.95	0.12	0.74		(1.80)	-10.0%
250	28.63			0.71		(2.88)	-10.0%
300	34.03		0.25	0.71		(3.43)	-10.0%
350	. 39.43		0.29	0.74	r . 35.75	(3.97)	-10.0%
400	44.83	45.16	0.33	0.71	40.65	(4.52)	-10.0%
500	55.63			0.74	50.44	(5.60)	-10.0%
600	66.43			0.7	60.24	(6.69)	-10.0%
750	82.63	83.25	0.62	0.8	74.93	(8.33)	
1000	109.63	110.46	0.83	0.81	99.41	(11.05)	-10.0%
					А	djustment Factor	rs
Present Rate				P	resent:		
				-			
	1	Customer Charge	:	\$1.50	_	PCA	(\$0.00405)
						CA	\$0.01889
		Energy Charge		\$0.09226		CA	\$0.00090
		•			c	sc	\$0.13
		Unbundled Rates				roposed Unbundle	
		Customer Charge		\$1.63		CA.	\$0.01889
	1	Dist/Access Ene	rgy Charge	\$0.07858			
	•	Transmission Ch	arge	\$0.00225			
	C	Generation Char	ge	\$0.00911			
		. Proposed Retail Delivery Rate				roposed Retail D	-
		Customer Charge		\$1.47	T	CA	\$0.00225
•	I	Dist/Access Ene	rgy Charge	\$0.06770	A	CA	\$0.00000

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EASTERN EDISON COMPANY D.P.U. 96-24 Typical Bill Analysis

Rate R-2

nergy (Wh)	Present Bill	Proposed Unbundled Bill	Revenue Difference	Difference	Proposed Retail Delivery Bill	Difference	t Difference
0	\$1.11	\$1.11	\$0.00	0.0%	\$1.00	(\$0.11)	-10.0%
125	10.48	10.58	0.11	1.0%	9.53	(1.06)	
175	14.22	14.37	0.15	1.0%	12.94	(1.44)	
225	17.97	18.16	0.19	1.14	16.35	(1.82)	
275	21.72	21.95	0.23	1.1%	19.76	(2.20)	
325	25.47	25.74	0.28	1.1	23.17	(2.57)	
375	29.21	29.53	0.32	1.1%	26.58	(2.95)	
475	36.71	37.11	0.40	1.1%	33.40	(3.71)	
575	44.20	44.69	0.49	1.1%	40.22	(4.47)	-10.0%
800	61.06	61.74	0.68	1.14	55.57	(6.17)	
					7	Adjustment Factor	rs
	Present Rate				resent:		
	i	Customer Charge		\$0.98		PCA	(\$0.00405)
				40 .30		'CA	
	1	Energy Charge		\$0.05923		CA CA	\$0.01889 \$0.00087
				4010222		sc	\$0.13
		Unbundled Rates			I	roposed Unbundla	ed :
		Customer Charge		\$1.11		 CA	\$0.01889
	I	Dist/Access Ene	rgy Charge	\$0.04554			
	7	Transmission Ch	arge	\$0.00225			
	c	Generation Char	ge	\$0.00911			
		Proposed Retail Delivery Rate				roposed Retail D	•
		Customer Charge		\$1.00		CA	\$0.00225
	г	Dist/Access Ene	rgy Charge	\$0.03796	A	CA	\$0.00000
	Γ	Dist/Access Ene	rgy Charge	\$0.03796			

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Rate R-3

nergy (Wh)	Present Bill	Bill	Revenue Difference	Difference	Proposed Retail Delivery Bill	Difference	% Difference
0	\$2.13	\$2.13	\$0.00	0.0	k \$1.92	(\$0.21)	-10,0%
225	25.27	23.85	(1.42)	-5.6	21.46	· · ·	
375	40.70	38.33	(2.37)	-5.8	34.50		
500	53.56	50.40	(3.16)	-5.9	45.36		
625	66.41	62.46	(3.95)	-5.9	56.22	(6.25)	-10.0%
775	81.84	76.94	(4.90)	-6.09	69,25	(7.69)	
950	99.84	93.83	(6.00)	-6.0	84.45		
1,175	122.98	115.55	(7.43)	-6.0	104.00		
1,500	156.41	146,93	(9.48)	-6.19	132.23		
2,150	223.26	209.67	(13.59)	-6.19	188.70	(20.97)	-10.0%
					,	Adjustment Facto	ra
	Present Rate					Present:	

	C	ustomer Charge		\$2.00	J	PPCA	(\$0.00405)
		_		·	I	FCA	\$0.01889
	E	Inergy Charge		\$0.08012	(CCA	\$0.00789
					(CSC	\$0.13
	U	nbundled Rates			1	Proposed Unbundle	ed:
						·	
	C	ustomer Charge		\$2.13	I	°CA	\$0.01889
	D	ist/Access Ene	rgy Charge	\$0.06632			
	Ŧ	ransmission Cha	arge	\$0.00221			
	G	eneration Char	je	\$0.00911			
		roposed Retail	-		F	roposed Retail I	Delivery:
		ustomer Charge		\$1.92		'CA	\$0.00221
	D	ist/Access Ener	gy Charge	\$0.05667	A	CA	\$0.00000

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EASTERN EDISON COMPANY D.P.U. 96-24 Typical Bill Analysis

Rate R-4

usage/To	tal Usage =	15.00%					
Total		proposed			Proposed		
Energy	Present	Unbundled	Revenue	*	Retail Delivery	Revenue	*
(kWh)	Bill	Bill	Difference			Difference	Difference
100		\$17.87		0.7%	\$16.08	(\$1.79)	-10
500	52.88	53.53		1.2%		(5.35)	-10
600	61.67			1.3%		(5.25)	-10
700	70.46	71.37		1.3%	-	(7.14)	-10
800	79.24	80.28	1.04	1.3%	72.26	(8.03)	-10
900	88.03	89.20	1.17	1.3%		(8.92)	-10
1,000	96.82	98.12	1.30	1.3%			-10
1,175					102.35	(11.37)	-10
1,475		140.47	1.92	1.4%		(14.05)	-10
1,850	171.50	173.91	2.41	1.4%	156.52	(17.39)	-10
						Adjustment Factors	
	Present Rate				1	Present:	
	Customer Charge		· 	\$8.82		PPCA	
		_		¥6.62		PCA PCA	(\$0.004
	Peak Energy Cha	arce		\$0.19795		CCA	\$0.018
		3-		V0.13/33			\$0.000
	Off-Peak Energy	y Charge		\$0.05070		esc	\$0.3
	** *						
	Unbundled Rates					Proposed Unbundled:	
	Customer Charge			\$8.95		CA	\$0.0188
	Dist/Access Pea	ak Energy Charg	je	\$0.18408			
	Dist/Access Of	f-Peak Energy C	harge	\$0.03683			
	Transmission Ch	narge		\$0.00225			
	Generation Char	rge		\$0.00911			
	Proposed Retail	Delivery Rate	ន		E	Proposed Retail Deliv	erv:
					-		
	Customer Charge	•		\$8.06		CA CA	\$0.0022 \$0.0000
:	Dist/Access Pea	k Energy Charo	e	\$0.16265	-		40.0000
		-Peak Energy C		\$0.03012			
•	•		7				

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EASTERN EDISON COMPANY D.P.U. 96-24 Typical Bill Analysis

Rate G-1

(\$0.16) -10.0% (0.46) -10.0% (1.36) -10.0% (2.26) -10.0% (3.75) -10.0% (5.54) -10.0% (7.93) -10.0% (11.52) -10.0% (17.50) -10.0%
(\$0.16) -10.0% (0.46) -10.0% (1.36) -10.0% (2.26) -10.0% (3.75) -10.0% (5.54) -10.0% (7.93) -10.0% (11.52) -10.0% (17.50) -10.0%
(0.46) -10.0% (1.36) -10.0% (2.26) -10.0% (3.75) -10.0% (5.54) -10.0% (7.93) -10.0% (11.52) -10.0% (17.50) -10.0%
(0.46) -10.0% (1.36) -10.0% (2.26) -10.0% (3.75) -10.0% (5.54) -10.0% (7.93) -10.0% (11.52) -10.0% (17.50) -10.0%
(2.26) -10.0% (3.75) -10.0% (5.54) -10.0% (7.93) -10.0% (11.52) -10.0% (17.50) -10.0%
(3.75) -10.0% (5.54) -10.0% (7.93) -10.0% (11.52) -10.0% (17.50) -10.0%
(5.54) -10.0% (7.93) -10.0% (11.52) -10.0% (17.50) -10.0%
(7.93) -10.0% (11.52) -10.0% (17.50) -10.0%
(11.52) -10.0% (17.50) -10.0%
(17.50) -10.0%
nt Factors
\$0.01889
\$0.00256
\$0.13
Unbundled:
\$0.01889
Retail Delivery:
\$0.00226
\$0.00000

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Rate G-2

Hours Use =	175							
Energy (kWh)	Demand (kW)	Present Bill	Proposed Unbundled Bill	Revenue Difference	ł Difference	Proposed Retail Delivery Bill	Revenue Difference	% Difference
. 50	0.3	\$14.50	\$14.48	(\$0.02)	-0.1	.* \$13.03	(\$1,45)	-10.0%
1,500	8.6	197.62	196.98	(0.65)	-0.3	•	(19.70)	-10.0%
2,150	12.3	279.71	278.79	(0.92)	-0.3		(27.88)	-10.0%
2,900	16.6	374.43	373.18	(1.25)	-0.3		(37.32)	-10.0%
3,750	21.4	481,77	480.16	(1.61)	-0.3		(48.02)	-10.0%
4,800	27.4	614.38	612.31	(2.06)	-0.3		(61.23)	-10.0%
6,300	36.0	803.81	801.10	(2.71)	-0.3		(80.11)	-10.0%
8,700	49.7	1,106.90	1,103.16	(3.74)	-0.3		(110,32)	-10.0%
12,950	74.0	1,643.63	1,638.06	(5.57)	-0.3		(163.81)	-10.0%
23,500	134.3	2,975.97	2,965.87	(10.11)	-0.3	- ,	(296.59)	-10.0%

Adjustment Factors

Present Rate		Present:	
Customer Charge	\$8.06	PPCA	(\$0.00405
		FCA	\$0.01889
Demand Charge	\$12.08	CCA	\$0.00484
		CSC	\$0.13
Energy Charge	\$0.03758		
Unbundled Rates		Proposed Un	
Customer Charge	\$8.19	FCA	\$0.01889
Dist/Access Demand Charge	\$12.08		
Dist/Access Energy Charge	\$0.02659		•
Transmission Charge	\$0.00224		
Generation Charge	\$0.00911		
Proposed Retail Delivery Rate	s	Proposed Re	tail Delivery:
Customer Charge	\$7.37	TCA	\$0.00224
Dist/Access Demand Charge	\$10.87	ACA	\$0.00000
Dist/Access Energy Charge	\$0.02091		
Standard Offer Charge	\$0.02800		

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Rate G-2

rs Use =	275							
Energy (kWh)	Demand (kW)	Present Bill	Proposed Unbundled Bill	Revenue Difference	% Difference	Proposed Retail Delivery Bill	Revenue Difference	k Difference
50	0.2	\$13.25	\$13.23	(\$0.02)	-0.24	\$11.91	(\$1.32)	-10.0
1,500	5.5	159.97	159.33	(0.65)	-0.41		(15.93)	-10.0
2,150	7.8	225.74	224.82	(0.92)	-0.44	202.34	(22,48)	-10.0
2,900	10.5	301.63	300.39	(1.25)	-0.4%	270.35	(30.04)	-10.0
3,750	13.6	387.64	386.03	(1.61)	-0.4		(38,60)	-10.0
4,800	. 17.5	493.89	491.82	(2.06)	-0.4%		(49.18)	-10.0
6,300	22.9	645.67	542.96	(2.71)	-0.41		(64.30)	-10.0
8,700	31.6	888.52	884.78	(3.74)	-0.4%		(88.48)	-10.0
12,950	47.1	1,318.57	1,313.00	(5.57)	-0.4%		(131.30)	-10.0
23,500	85.5	2,386.09	2,375.99	(10.11)	-0.4%	-,	(237.60)	-10.0

Adjustment Factors

Present Rate		Present:		
Customer Charge	\$8.06	PPCA	(\$0.00405)	
		FCA	\$0.01889	
Demand Charge	\$12.08	CCA	\$0.00484	
		CSC	\$0.13	
Energy Charge	\$0.03758			
Unbundled Rates		Proposed Unbundled:		
Customer Charge	\$8.19	FCA	\$0.01889	
Dist/Access Demand Charge	\$12.08			
Dist/Access Energy Charge	\$0.02659			
Transmission Charge	\$0.00224			
Generation Charge	\$0.00911			
Proposed Retail Delivery Rate	s		tail Delivery:	
Customer Charge	\$7.37	TCA	\$0.0022 4	
Dist/Access Demand Charge	\$10.87	ACA	\$0.00000	
Dist/Access Energy Charge	\$0.02091			
Standard Offer Charge	\$0.02800			

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Rate G-2

Hours Use =	375		E S C S X X X X X E E E E E E E	国国民国国际总 并以开发区国国国			(8688888× 7 88	
Energy (kWh)	Demand (kW)	Present Bill	Proposed Unbundled Bill	Revenue Difference	t Difference	Proposed Retail Delivery Bill	Revenue Difference	% Difference
50	0.1	\$12.66	\$12.64	(\$0.02)	-0.2	\$ \$11.38	(\$1.26)	-10.0%
1,500	4.0	142.40	141.76	(0.65)	-0.5		(14.18)	-10.0%
2,150	5.7	200.56	199.63	(0.92)	-0.5		(19.96)	-10.0%
2,900	7.7	267.66	266.42	(1.25)	-0.5		(26.64)	-10.0%
3,750	10.0	343.72	342.10	(1.61)	-0.5		(34.21)	-10.0%
4,800	12.8	437.66	435.60	(2.06)	-0.5		(43.56)	-10.0%
6,300	16.8	571.87	569.16	(2.71)	-0.5		(56.92)	-10.0%
8,700	23.2	786.61	782.87	(3.74)	-0.5		(78.29)	-10.0%
12,950	34.5	1,166.87	1,161.30	(5.57)	-0.5		(116.13)	-10.0%
23,500	62.7	2,110.81	2,100.71	(10.11)	-0.5		(210.07)	-10.0%

			,,
		FCA	\$0.01889
Demand Charge	\$12.08	CCA	\$0.00484
		csc	\$0.13
Energy Charge	\$0.03758		
Unbundled Rates		Proposed Un	bundled:
Customer Charma			·
Customer Charge	\$8.19	FCA	\$0.01889
Dist/Access Demand Charge	\$12.08		
Dist/Access Energy Charge	\$0.02659		
Transmission Charge	\$0.00224		
Generation Charge	\$0.00911		
Proposed Retail Delivery Rate	s	Proposed Re	tail Delivery:
Customer Charge	\$7.37	TCA	\$0.00224
		ACA	\$0.00000
Dist/Access Demand Charge	\$10.87		

\$0.02091

\$0.02800

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Dist/Access Energy Charge

Standard Offer Charge

EASTERN EDISON COMPANY D.P.U. 96-24 Typical Bill Analysis

Rate G-4

	Total Usage =	23.00%						
urs Use =	i	250						
_			Proposed			Proposed		
Energy		Present				Retail Delivery	Revenue	4
(kWh)	(kW)	Bill	Bill	Difference	Difference	Bill	Difference	Differenc
							·	
7,500		·	•	24.08	3.0%	\$736.08	(\$81.79)	-10
100,500		•			3.1%	9,640.92	(1,071.21)	-10
135,000			14,382.59		3.1%		(1,438.26)	-10
171,500		17,715.31	18,265.83		3.1% 3.1%	16,439.24	(1,826.58)	-10
205,000		21,171.84	21,829.89		3.1%	19,646.90	(2,182.99)	-10
250,000			26,617.44	802.50	3.1%	23,955.70	(2,661.74)	~10
300,000		30,973.94	31,936.94		3.1%	28,743.25	(3,193.69)	-10
350,000		36,132.94	37,256.44	1,123.50	3.1%	23,955.70 28,743.25 33,530.80 41,382.38	(3,725.64).	-10
432,000		-	45,980.42		3.1%	41,382.38	(4,598.04)	-10
650,000	2,600.0	67,086.94	69,173.44	2,086.50	3.1%	62,256.10	(6,917.34)	-10
	Adjustment Factors					rs		
	Present Rate					Present:		
	Customer Charge		·	\$19.81		PCA	(\$0.00405)	
	-			7		CA	\$0.01889	
	Demand Charge			\$12.00		CA	\$0.00096	
	-			422.00		SC	\$0.0038	
	Peak Energy Char	rge		\$0.04631	`	.50	50.13	
	Off-Peak Energy	Charge		\$0.03731				
	Unbundled Rates					roposed Unbundle		
	Customer Charge			\$19.94		'CA	\$0.01889	
	Dist/Access Dema	and Charge		\$12.00				
	Dist/Access-Peak	k Energy Charg	e	\$0.03507				
	Dist/Access-Off	Peak Energy C	harge	\$0.02607				
	Transmission Cha	arge		\$0.00225				
	Generation Charg	ge		\$0.00911				
	Proposed Retail Delivery Rates					roposed Retail D		
	Customer Charge			\$17.95		 CA	\$0.00225	
	Dist/Access Dema	and Charge		\$10.80	A	CA	\$0.00000	
	Dist/Access-Peak			\$0.02854				
1	Dist/Access-Off	Peak Energy C	harge	\$0.02044				
	Standard Offer C	Tharge		\$0.02800				

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Rate G-4

-	Total Usa ge =	23.00%						
ırs Use =		350						
Energy	Demand	Present	Proposed			Proposed		
(kWh)	(kW)	Bill	Unbundled Bill	Revenue Difference	* Difference			*
								Difference
7,500	21.4	\$690.93	\$715.01	24.07		\$ \$643.51	(***	
100,500	287.1	9,011.24	9,333.85			\$ \$643.51 \$ 8,400.46		
135,000	385.7	12,097.81	12,531.16		3.0	* 0,400.50 * 11 270 AE	(933.38) (1,253.12)	
171,500	490.0	15,363.31	15,913.83		3.6		(1,591.38)	
205,000	585.7	18,360.41	19,018.46		3.6	17,116.62	(1,901.85)	
250,000	714.3	22,386.37	23,188.87	802.50			(2,318,89)	
300,000	857.1	26,859.65	27,822.65		3.6	-	(2,782.27)	
350,000	1,000.0	•	32,456.44				(3,245.64)	-10.
432,000	1,234.3	38,669.13	40,055.85	-			(4,005.58)	
650,000	1,857.1				3.6		(6,025.92)	-10. -10.
							, , .	
						Adjustment Factor	ors	
	Present Rate					Present:		
	Customer Charge			\$19.81		PPCA	(\$0.00405)	
	- -			425.02		FCA	\$0.01889	
	Demand Charge			\$12.00		CCA	\$0.00096	
	-			412100		CSC	\$0.00038	
	Peak Energy Char	rqe		\$0.04631		CDC	\$0.13	
	Off-Peak Energy	Charge		\$0.03731				
	Unbundled Rates					Proposed Unbund	led:	
	Customer Charge			\$19.94		FCA	\$0.01889	
	Dist/Access Dema	and Charge		\$12.00				
	Dist/Access-Peal	Energy Charg	e	\$0.03507				
	Dist/Access-Off	Peak Energy C	harge	\$0.02607				
	Transmission Cha	irge		\$0.00225				
	Generation Charg	ge.		\$0.00911				
	Proposed Retail					Proposed Retail		
	Customer Charge			\$17.95		TCA ACA	\$0.00225	
1	Dist/Access Dema	and Charge		\$10.80		AUA	\$0.00000	
	Dist/Access-Peak Dist/Access-Off			\$0.02854 \$0.02044				
	Standard Offer C		-	\$0.02800				

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Rate G-4

_	Total Usage =	23.00%						
urs Use =		450	_					
Fnower	Downed	D	Proposed	.		Proposed		
Energy (kWh)	Demand (kW)	Present Bill	Unbundled	Revenue		etail Delivery		*
(KMII)	(KN)	B111	Bill	Difference	Difference	Bill	Difference	Difference
7,500		\$633.79	•		3.8%	\$592.08		-10.
100,500		8,245.53	8,568.14	322.60	3.9%	7,711.32	(856.81)	-10.
135,000		11,069.24	11,502.59	433.35	3.9∜	10,352.33	(1,150.26)	-10.
171,500		14,056.64	14,607.16	550.51	3.9%		(1,460,72)	-10.
205,000		16,798.51	17,456.56	658.05	3.9%		(1,745.66)	-10.
250,000		20,481.61	21,284.11	802.50	3.9%	19,155.70	(2,128.41)	-10.
300,000		24,573.94	25,536.94	963.00	3.9%		(2,553.69)	-10.
350,000		28,666.27	29,789.77	1,123.50	3.9%	26,810.80	(2,978.98)	-10.
432,000			•	1,386.72	3.9%		(3,676,44)	-10.
650,000	1,444.4	53,220.27	55,306.77	2,086.50	3.9%	49,776.10	(5,530.68)	-10.
					A	ijustment Facto	rs	
	Present Rate				Þ	resent:		
	Customer Charge			\$19.81	P)	PCA	(\$0.00405)	
					F	ZA .	\$0.01889	
	Demand Charge			\$12.00		CA	\$0.00096	
	Dools Decrees The			** ***	C	SC .	\$0.13	
	Peak Energy Char	-		\$0.04631				
	Off-Peak Energy	Charge		\$0.03731				
	Unbundled Rates					coposed Unbundle		
	Customer Charge			\$19.94		ÇA .	\$0.01889	
	Dist/Access Dema	and Charge		\$12.00				
	Dist/Access-Peal			\$0.03507				
	Dist/Access-Off	Peak Energy C	harge	\$0.02607				
	Transmission Cha	arge		\$0.00225				
	Generation Charg	ge		\$0.00911				
	Proposed Retail					oposed Retail D	•	
	Customer Charge			\$17.95	TO		\$0.00225	
	Dist/Access Dema	and Charge		\$10.80	AC	'A	\$0.00000	

\$0.02854 \$0.02044

\$0.02800

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Standard Offer Charge

Dist/Access-Peak Energy Charge Dist/Access-Off Peak Energy Charge

EASTERN EDISON COMPANY D.P.U. 96-24 Typical Bill Analysis

Rate G-5

ak Usage/To urs Use =	tal Usage =	25.00% 250						
Energy (kWh)	Demand (kW)	Present Bill	Proposed Unbundled Bill	Revenue Difference	t Difference	Proposed Retail Delivery Bill	Revenue Difference	% Difference
1,500	6.0	\$203.70	\$204.57	\$0.87	0.4	k \$184.11	(\$20.46)	-10.0
16,500	66.0	1,751.77	1,761.34	9.57	0.5	•	(176.13)	-10.0
35,000	140.0	3,661.07	3,681.37	20.30	0.6	3,313,23	(368.14)	-10.0
50,000	200.0	5,209.14	5,238.14	29.00	0.6	4,714.33	(523.81)	-10.0
60,000	240.0	6,241.19	6,275.99	34.80	0.6	-	(627,60)	-10.0
70,000	280.0	7,273.24	7,313.84	40.60	0.69	-	(731.38)	-10.0
80,000	320.0	8,305.29	8,351.69	46.40	0.6		(835.17)	-10.0
100,000	400.0	10,369.39	10,427.39	58.00	0.69		(1,042.74)	-10.0
125,000	500.0	12,949.52	13,022.02	72.50	0.6		(1,302.20)	-10.0
150,000	600.0	15,529.64	15,616.64	87.00	0.6	,	(1,561.66)	-10.0

Adjustment Factors

Present Rate		Present:	
Customer Charge	\$48.76	PPCA FCA	(\$0.00405) \$0.01889
Demand Charge	\$9.50	CCA CSC	\$0.01889 \$0.00334 \$0.13
Peak Energy Charge Off-Peak Energy Charge	\$0.05310 \$0.04500		40.13
Unbundled Rates		Proposed Un	bundled:
Customer Charge	\$48.89	FCA	\$0.01889
Dist/Access Demand Charge	\$9.50		•
Dist/Access-Peak Energy Charge Dist/Access-Off Peak Energy Charge	\$0.04164 \$0.03354		
Transmission Charge	\$0.00222		
Generation Charge	\$0.00911		
Proposed Retail Delivery Rates		Proposed Ret	tail Delivery:
Customer Charge	\$44.00	TCA ACA	\$0.00222 \$0.00000
Dist/Access Demand Charge	\$8.55		\$0.0000
Dist/Access-Peak Energy Charge Dist/Access-Off Peak Energy Charge	\$0.03445 \$0.02716		
Standard Offer Charge	\$0.02800		

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EASTERN EDISON COMPANY D.P.U. 96-24 Typical Bill Analysis

Rate G-5

k Usage/To irs Use =	tal Usage =	25.00% 350						
Energy (kWh)	Demand (kW)	Present Bill	Proposed Unbundled Bill	Revenue Difference	t Difference	Proposed Retail Delivery Bill	Revenue Difference	% Difference
1,500	4.3	\$187.41	\$188.28	\$0.87	0.5	* \$169.45	(\$18.83)	-10.0
16,500	47.1	1,572.63	1,582.20	9.57	0.6	1,423.98	(158.22)	-10.0
35,000	100.0	3,281.07	3,301.37	20.30	0.6	¥ 2,971.23	(330.14)	-10.0
50,000	142.9	4,666.28	4,695.28	29.00	0.6	•	(469.53)	-10.0
60,000	171.4	5,589.76	5,624.56	34.80	0.6	•	(562.46)	-10.0
70,000	200.0	6,513.24	6,553.84	40.60	. 0.6	\$ 5,898.46	(655.38)	-10.0
80,000	228.6	7,436.72	7,483.12	46.40	0.6		(748.31)	-10.0
100,000	285.7	9,283.68	9,341.68	58.00	0.6	,	(934,17)	-10.0
125,000	357.1	11,592.37	11,664.87	72.50	0.6	•	(1,166,49)	-10.0
150,000	428.6	13,901.07	13,988.07	87.00	0.6	12,589.26	(1,398.81)	-10.0

Adjustment Factors

Present Rate		Present:	
Customer Charge	\$48.76	PPCA	(\$0.00405)
•		FCA	\$0.01889
Demand Charge	\$9.50	CCA	\$0.00334
· ·		CSC	\$0.13
Peak Energy Charge	\$0.05310		
Off-Peak Energy Charge	\$0.04500		
Unbundled Rates		Proposed Un	bundled:
Customer Charge	\$48.89	FCA	\$0.01889
Dist/Access Demand Charge	\$9.50		
Dist/Access-Peak Energy Charge	\$0.04164		
Dist/Access-Off Peak Energy Charge	\$0.03354		
Transmission Charge	\$0.00222		
Generation Charge	\$0,00911		
Proposed Retail Delivery Rates		Proposed Re	tail Delivery:
Customer Charge	\$44.00	TCA	\$0.00222
		ACA	\$0.00000
Dist/Access Demand Charge	\$8.55		40.000
Dist/Access-Peak Energy Charge	\$0.03445		
Dist/Access-Off Peak Energy Charge	\$0.02716		
Standard Offer Charge	\$0.02800		

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Rate G-5

Peak Usage/ Hours Use =	Total Usage =	25.00% 450						
Energy (kWh)	Demand (kW)	Present Bill	Proposed Unbundled Bill	Revenue Difference	₹ Re Difference	Proposed tail Delivery Bill	Revenue Difference	% Difference
								
1,500				•	0.5%	\$161.31	(\$17.92)	-10.0
16,500		1,473.11	1,482.68	9.57	0.6%	1,334.41	(148.27)	-10.0
35,000		3,069.95	3,090.25	20.30	0.7%	2,781.23		-10.0
50,000		4,364.70	4,393.70	29.00	0.7%	3,954.33	(439.37)	-10.0
60,000		5,227.86	5,262.66	34.80	0.7%	4,736.39	(526.27)	-10.0
70,000		6,091.02	6,131.62	40.60	0.7%	5,518.46	(613.16)	-10.0
80,000		6,954.18	7,000.58	46.40	0.7%	6,300.52	(700.06)	-10.0
100,000		8,680.50	8,738.50	58.00	0.7%	7,864.65	(873.85)	-10.0
125,000		10,838.40	10,910.90	72.50	0.7%	9,819.81	(1,091.09)	-10.0
150,000	333.3	12,996.31	13,083.31	87.00	0.7%	11,774.98	(1,308.33)	-10.0
					Ad	justment Facto	ors	
	Present Rate					esent:		
	C							
	Customer Charge	l		\$48.76	PPC		(\$0.00405)	
	Da				FC		\$0.01889	
	Demand Charge			\$9.50		4	\$0.00334	
	Dook Brown Obs			40 000-	CSC	3	\$0.13	
	Peak Energy Cha	_		\$0.05310				
	Off-Peak Energy	Charge		\$0.04500				
	Unbundled Rates					posed Unbundl		
	Customer Charge			\$48.89	FC	,	\$0.01889	
	Dist/Access Dem	and Charge		\$9.50				
	Dist/Access-Pea	k Energy Chard	re.	\$0.04164				
	Dist/Access-Off			\$0.03354				
	Transmission Ch	arge		\$0.00222				
	Generation Char	ge		\$0.00911				
	Proposed Retail				Pro	posed Retail 1	Delivery:	
	Customer Charge				max.			
	cascomer charge			\$44.00	TCA		\$0.00222	
	Dist/Access Dema	and Charge		\$8.55	ACA		\$0.00000	
	Diet/Aggees, Bool	r Program Chause	_	60 02445				
	Dist/Access-Peal			\$0.03445				
	Dist/Access-Off	reak bhergy C	narge	\$0.02716				

\$0.02800

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Standard Offer Charge

Rate G-6

Peak Usage/To Hours Use =	 tal Usage =	21.00 % 300	242275	######################################		77722 <i>002077</i> 2228	**********	.============
Energy (kWh)	Demand (kW)	Present Bill	Proposed Unbundled Bill	Revenue Difference	t Difference	Proposed Retail Delivery Bill	Revenue Difference	t Difference
10,500	35.0	\$1,049.10	\$1,067.16	\$18.06	1.7	\$ \$960.44	(\$106,72)	-10.0%
87,750	292.5	8,407.75	8,558.68	150.93	1.8		(855.87)	-10.0%
140,000	466.7	13,384.96	13,625.76	240.80	1,8	•	(1,362.58)	-10.0%
175,000	583.3	16,718.98	17,019.98	301.00	1.8	\$ 15,317.98	(1,702.00)	-10.0%
285,000	950.0	27,197.33	27,687.53	490.20	1.8	24,918.77	(2,768.75)	-10.0%
450,000	1,500.0	42,914.84	43,688.84	774.00	1.8	39,319.96	(4.368.88)	-10.0%
525,000	1,750.0	50,059.17	50,962.17	903.00	1.8	¥ 45,865.95	(5.096.22)	-10.0%
625,000	2,083.3	59,584.93	60,659.93	1,075.00	1.8	\$ 54,593.94	(6,065.99)	-10.0%
775,000	2,583.3	73,873,58	75,206.58	1,333.00	1.8	67,685.92	(7,520.66)	-10.0%
1,050,000	3,500.0	100,069.44	101,875.44	1,806.00	1.8	91,687.90	(10,187.54)	-10.0%

Present Rate		Present:	
Customer Charge	\$48.76		(\$0.00405)
		FCA	\$0.01889
Demand Charge	\$9.50	CCA	\$0.00205
	•	CSC	\$0.13
Peak Energy Charge	\$0.05310		*
Off-Peak Energy Charge	\$0.04500		
Unbundled Rates		Proposed Un	
Customer Charge	\$48.89		\$0.01889
Dist/Access Demand Charge .	\$9.50		
Dist/Access-Peak Energy Charge	\$0.04145		
Dist/Access-Off Peak Energy Charge	\$0.03335		
Transmission Charge	\$0.00226		
Generation Charge	\$0.00911		
Proposed Retail Delivery Rates		Proposed Re	tail Delivery:
Customer Charge	\$44.00	TCA	\$0.00226
		CSC	\$0.00000
Dist/Access Demand Charge	\$8.55		
Dist/Access-Peak Energy Charge	\$0.03428		
Dist/Access-Off Peak Energy Charge	\$0.02699		
Standard Offer Charge	\$0.02800		

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EASTERN EDISON COMPANY D.P.U. 96-24 Typical Bill Analysis

Rate G-6

Peak Usage/To Hours Use =	tal Usage =	21.00% 450	==========	######################################			18==?:::::::::::::::::::::::::::::::::::	**********
Energy (kWh)	Demand (kW)	Present Bill	Proposed Unbundled Bill	Revenue Difference	% Difference	Proposed Retail Delivery Bill	Revenue Difference	ş Difference
10,500	23.3	\$938.26	\$956.32	\$18.06	1.9	P & \$860.69	(\$95,63)	-10.0%
87,750	195.0	7,481.50	7,632.43	150.93	2.0	,	(763.24)	-10.0%
140,000	311.1	11,907.19	12,147.99	240.80	2.0	•	(1,214.80)	-10.0%
175,000	388.9	. 14,871.76	15,172.76	301.00	2.0		(1,517.28)	-10.0%
285,000	633.3	24,188.99	24,679.19	490.20	2.0	•	(2,467,92)	-10.0%
450,000	1,000.0	38,164.84	38,938.84	774.00	2.0	¥ 35.044.96	(3,893,88)	-10.0%
525,000	1,166.7	44,517.50	45,420.50	903.00	2.0	¥ 40,878.45	(4.542.05)	-10.0%
625,000	1,388.9	52,987.71	54,062.71	1,075.00	2.0	•	(5,406,27)	-10.0%
775,000	1,722.2	65,693.03	67,026.03	1,333.00	2.0	¥ 60,323.42	(6.702.60)	-10.0%
1,050,000	2,333.3	88,986.11	90,792.11	1,806.00	2.0	% 81,712.90	(9,079.21)	-10.0%

Adjustment Factors

Present Rate		Present:	
Customer Charge			
chacomer charge	\$48.76		(\$0.00405)
Demand Charge	A	FCA	\$0.01899
Demand Charge	\$9.50	CCA	\$0.00205
Dank Brown Chause		CSC	\$0.13
Peak Energy Charge	\$0.05310		
Off-Peak Energy Charge	\$0.04500		
Unbundled Rates		Proposed Uni	
Customer Charge	\$48.89	FCA	\$0.01889
Dist/Access Demand Charge	\$9.50		
Dist/Access-Peak Energy Charge	\$0.04145		
Dist/Access-Off Peak Energy Charge	\$0.03335		
Transmission Charge	\$0.00226		
Generation Charge	\$0.00911		
Proposed Retail Delivery Rates			tail Delivery:
Customer Charge	\$44.00	TCA	\$0.00226
		CSC	\$0.00000
Dist/Access Demand Charge	\$8.55		42.0000
Dist/Access-Peak Energy Charge	\$0.03428		
Dist/Access-Off Peak Energy Charge	\$0.02699		
Standard Offer Charge	\$0.02800		
- ·			

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Rate G-6

Peak Usage/To	tal Usage =	21.00%						
Hours Use =		600						
			Proposed			Proposed		
Energy	Demand	Present	Unbundled	Revenue	*	Retail Delivery	Revenue	*
(kWh)	(kW)	Bill	Bill	Difference	Difference	Bill	Difference	Difference
						· • • • • • • • • • • • • • • • • • • •		
10,500	17.5	\$882.85	\$900.91	\$18.06	2.0	\$810.81	(\$90.09)	-10.0%
87,750	146.3	7,018.38	7,169.31	150.93	2.2	6,452.37	(716.93)	-10.0%
140,000	233.3	11,168.30	11,409.10	240.80	2.2	10,268.19	(1,140.91)	-10.0%
175,000	291.7	13,948.15	14,249.15	301.00	2.2	12,824.23	(1,424.91)	-10.0%
285,000	475.0	22,684.83	23,175.03	490.20	2.2	\$ 20,857.52	(2,317.50)	-10.0%
450,000	750.0	35,789.84	36,563.84	774.00	2.2	32,907.46	(3,656.38)	-10.0%
525,000	875.0	41,746.67	42,649.67	903.00	2.2	38,384.70	(4,264.97)	-10.0%
625,000	1,041.7	49,689.10	50,764.10	1,075.00	2.2	45,687.69	(5,076.41)	-10.0%
775,000	1,291.7	61,602.75	62,935.75	1,333.00	2,2	\$ 56,642.17	(6,293.57)	-10.0%
1,050,000	1,750.0	83,444.44	85,250.44	1,806.00	2.2	% 76,725.40	(8,525.04)	-10.0%

Adjustment Factors

Present Rate		Present:	
Customer Charge	\$48.76		(\$0.00405)
		FCA	\$0.01889
Demand Charge	\$9.50	CCA	\$0.00205
		CSC	\$0.13
Peak Energy Charge	\$0.05310		
Off-Peak Energy Charge	\$0.04500		
Unbundled Rates		Proposed Un	
Customer Charge	\$48.89	FCA	\$0.01889
Dist/Access Demand Charge	\$9.50		
Dist/Access-Peak Energy Charge	\$0.04145		
Dist/Access-Off Peak Energy Charge	\$0.03335		
Transmission Charge	\$0.00226		
Generation Charge	\$0.00911		
Proposed Retail Delivery Rates		Proposed Re	tail Delivery:
Customer Charge	\$44.00	TCA	\$0.00226
		CSC	\$0.00000
Dist/Access Demand Charge	\$8.55		
Dist/Access-Peak Energy Charge	\$0.03428		
Dist/Access-Off Peak Energy Charge	\$0.02699		
Standard Offer Charge	\$0.02800		

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Rate T-2

eak Usage/To ours Use =	tal Usage =	19.00% 250						
Energy (kWh)	Demand (kW)	Present Bill	Proposed Unbundled Bill	Revenue Difference	% Difference	Proposed Retail Delivery Bill	Revenue Difference	% Difference
1,000	4.0	\$121.06	\$120.66	(\$0.40)	-0.3	* \$108.59	(\$12.07)	-10.0
2,750	11.0	307.70	306.60	(1.10)	-0.4	¥ 275.94	(30.66)	-10.0
14,500	58.0	1,560.84	1,555.04	(5.80)	-0.4	4 1,399.53	(155.50)	-10.0
25,500	102.0	2,733.99	2,723.79	(10.20)	-0.4	4 2,451.41	(272.38)	-10.0
41,000	164.0	4,387.06	4,370.66	(16.40)	-0.4	4 3,933.59	(437.07)	-10.0
65,500	262.0	6,999.99	6,973.79	(26.20)	-0.4	-	(697,38)	-10.0
84,500	338.0	9,026.34	8,992.54	(33.80)	-0.4	·	(899.25)	-10.0
135,500	542.0	14,465.49	14,411.29	(54.20)	-0.4	,	(1,441,13)	-10.0
176,500	706.0	18,938.14	18,767.54	(70.60)	-0.4	•	(1.876.75)	-10.0
210,500	842.0	22,464.24	22,380.04	(84.20)	-0.4	,	(2,238.00)	-10.0

Present Rate Present: *-----PPCA (\$0.00405) FCA \$0.01889 CCA \$0.00484 CSC \$0.13 Customer Charge \$14.28 Demand Charge \$12.49 Peak Energy Charge \$0.04430 Off-Peak Energy Charge \$0.03530 Unbundled Rates Proposed Unbundled: ______ Customer Charge \$14.41 FCA \$0.01889 Dist/Access Demand Charge \$12.49 Dist/Access Peak Energy Charge \$0.03334 Dist/Access Off-Peak Energy Charge \$0.02434 Transmission Charge \$0.00224 Generation Charge \$0.00911 Proposed Retail Delivery Rates Proposed Retail Delivery: ______ ------Customer Charge \$12.97 TCA \$0.00224 ACA \$0.00000 Dist/Access Demand Charge \$11.24 Dist/Access Peak Energy Charge \$0.02698 Dist/Access Off-Peak Energy Charge \$0.01888 Standard Offer Charge \$0.02800

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Adjustment Factors

EASTERN EDISON COMPANY D.P.U. 96-24 Typical Bill Analysis

Rate T-2

ak Usage/	Total Usage =	19.00%							
urs Use =		350							
	_		Proposed				osed		
Energy	Demand			Revenue					*
(kWh)	(kW)	Bill	Bill	Difference				Difference	
									
1,000			\$106.39	(\$0.40)	-0.4	4	\$95.75	(\$10.64)	-10.0
2,750							240.61		
14,500	41.4	1,353.86	1,348.06 2,359.79	(5.80)	-0.4	.* 1	,213.25	(134.81) (235.98)	-10:0
25,500									
41,000		•				.	,405.87	(378.54)	-10.
65,500		6,065.02	-	•	-0.4	. € 5	,434.94	(603.88)	-10.0
84,500			7,786.36		-0.4	€ 7	,007.72	(778.64) (1,247.71)	-10.0
135,500		12,531.32			-0.4	8 11	,229.41	(1,247.71)	-10.0
176,500		16,318.72		(70.60)	-0.4	* 14	,623.31	(1,624.81) (1,937.53)	-10.0
210,500	601.4	19,459.50	19,375.30	(84.20)	-0.4	· * 17	,437.77	(1,937.53)	-10.
						Adjustme	nt Facto	rs	
	Present Rate					Present:			
	Contamos Charac								
	Customer Charge			\$14.28		PPCA		(\$0.00405)	
	Demand Charge			A10 48		FCA		\$0.01889	
	Demand Charge			\$12.49		CCA		\$0.00484	
	Peak Energy Cha	rge		\$0.04430		CSC		\$0.13	
	Off-Peak Energy	Charge		\$0.03530					
	Unbundled Rates					Proposed			
	Customer Charge			\$14.41		FCA		\$0.01889	
	Dist/Access Dem	and Charge		\$12.49					
	Dist/Access Peal	k Energy Charo	re	\$0.03334					
	Dist/Access Off	-Peak Energy C	harge	\$0.02434					
	Transmission Cha	arge		\$0.00224				•	
	Generation Charg	ge		\$0.00911					
,	Proposed Retail	-				Proposed	Retail 1	Delivery:	
	Customer Charge			\$12.97		TCA	***	\$0.00224	
	Dist/Access Dema	and Charge		\$11.24		ACA		\$0.00000	
	Dist/Access Peal			\$0.02698					
	Dist/Access Off-	-Peak Energy C	harge	\$0.01888					
	Standard Offer (Charge		\$0.02800					

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Rate T-2

rs Use =	tal Usage =	19.00% 450						
			Proposed			Proposed		
Energy	Demand	Present	Unbundled	Revenue	*	Retail Delivery	Revenue	*
(kWh)	(kW)	Bill	Bill	Difference	Difference	Bill	Difference	Difference
1,000	2.2	\$98.86	\$98.46	(\$0.40)	-0.41	\$88.61	(\$9.85)	-10
2,750	6.1	246.64	245.54	(1.10)	-0.4%		(24.55)	-10
14,500	32.2	1,238.87	1,233.07	(5.80)	-0.5%		(123.31)	-10
25,500	56.7	2,167,77	2,157.57	(10.20)	-0.5%	•	(215.76)	-10
41,000	91.1	3,476.68	3,460.28	(16.40)	-0.5%	•	(346,03)	-10
65,500	145.6	5,545.59	5,519.39	(26.20)	-0.5%	•	(551.94)	-10
84,500	187.8	7,150.06	7,116.26	(33.80)	-0.5%	-,	(711.63)	-10
135,500	301.1	11,456.78	11,402.58	(54.20)	-0.5%	•	(1,140.26)	-10
176,500	392.2	14,919.05	14,848.45	(70.60)	-0.5%		(1,484.85)	-10
210,500	467.8	17,790.20	17,706.00	(84.20)	-0.5%		(1,770.60)	-10

Adjustment Factors

Present Rate		Present:	
Customer Charge	\$14.28	PPCA	(\$0.00405)
		FCA	\$0.01889
Demand Charge	\$12.49	CCA	\$0.00484
		CSC	\$0.13
Peak Energy Charge	\$0.04430		
Off-Peak Energy Charge	\$0.03530		
Unbundled Rates		Proposed Un	bundled:
Customer Charge	\$14.41	FCA	\$0.01889
Dist/Access Demand Charge	\$12.49		
Dist/Access Peak Energy Charge	\$0.03334		
Dist/Access Off-Peak Energy Charge	\$0.02434		
Transmission Charge	\$0.00224		
Generation Charge	\$0.00911		•
Proposed Retail Delivery Rates		Proposed Re	tail Delivery:
Customer Charge	\$12.97	TCA	\$0.00224
		ACA	\$0.00000
Dist/Access Demand Charge	\$11.24		
Dist/Access Peak Energy Charge	\$0.02698		
Dist/Access Off-Peak Energy Charge	\$0.01888		
Standard Offer Charge	\$0.02800		

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EASTERN EDISON COMPANY D.P.U. 96-24 Typical Bill Analysis

Rate H-1

T	D	Proposed	_		Proposed	_	
Energy (kWh)	Present Bill	Unbundled Bill	Revenue Difference			Revenue Difference	¥ Difference
0	\$6.13	\$6.13	\$0.00	0.0%	\$5.52	(\$0.61)	-10.0
150	21.56		•		•		
425	49.86	49.43	(0.43)	-0.9%		,,	
625	70.44	69.81	(0.63)	-0.9%	62.83	(6.98)	
850	93.59	92.74	(0.85)	-0.9%	83.46		
1,300	139.89	138.59	(1.30)	-0.9%		(13.86)	
2,050	217.05		(2.05)		193.50		
3,475	363.67	360.20	(3.47)	-1.0%		(36.02)	
5,550	577.17	571.62	(5.55)	-1.0%			
11,875		1,216.07			1,094.47		
		Present Rate Customer Charge Energy Charge Unbundled Rates	•	\$6.00 \$0.08321		Present: PPCA PCCA CCCA CSC Proposed Unbundled:	(\$0.00405 \$0.01889 \$0.00484 \$0.13
		Customer Charge		\$6.13		FCA	\$0.01889
		Dist/Access Ene	rgy Charge	\$0.07164			
		Transmission Ch	arge	\$0.00225			
		Generation Char	ge	\$0,00911			
		Proposed Retail	•		I	Proposed Retail Deliv	ery:
		Customer Charge		\$5.52		rca	\$0.00225
•		Dist/Access Ene	rov Charce	\$0.06145	1	ACA	\$0.00000

Standard Offer Charge

\$0.02800

Rate H-2

0 25 100		Bill	Difference		-	Y Revenue Difference	% Difference
25 100						·	
100	\$1.63	\$1.63	\$0.00	0.0	\$ \$1.47	(\$0.16)	-10.0
	4.14	4.20	0.06	1.5%	•		
	11.67	11.92		2.19			
250	26.74	27.36	0.61	2.39			
425	44.32	45.36	1.04	2.31			
675	69.43	71.09	1.65	2.49		, .	
950	97.06	99.39		2.4%		,	
1,425	144.77			2.4%		,,	
2,175	220.11	225.44		2.4%		•	
3,425	345.67	354.06	8.39	2.41			
						Adjustment Factors	
		Present Rate				Present:	
		Customer Charge		\$1.50		PPCA	(\$0.00405
						FCA	\$0.01889
		Energy Charge		\$0.08488		CCA	\$0.00073
						CSC	\$0.13000
		Unbundled Rates	3			Proposed Unbundled:	
		Customer Charge		\$1.63		FCA	\$0.01889
	;	Dist/Access Ene	ergy Charge	\$0.07265			
		Transmission Ch	narge	\$0.00225			
		Generation Char	rge	\$0.00911			
		Proposed Retail				Proposed Retail Deliv	•
		Customer Charge		\$1.47		TCA	\$0.00225
	1	Dist/Access Ene	rgy Charge	\$0.06236		ACA	\$0.00000
		Standard Offer	Charge	\$0.02800			

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Rate W-1

\$1.13 8.05 12.66 17.27 19.57 24.18 28.79 31.10 38.01 47.24	\$1.13 8.25 13.00 17.76 20.13 24.88 29.63 32.00 39.13 48.63	\$0.00 0.21 0.35 0.49 0.56 0.70 0.84 0.91	0.04 2.64 2.84 2.84 2.94 2.94 2.94	\$1.02 7.43 11.70 15.98 18.12 22.39 26.67 28.80 35.22 43.77	(\$0.11) (0.83) (1.30) (1.78) (2.01) (2.49) (2.96) (3.20) (3.91) (4.86)	-10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0
8.05 12.66 17.27 19.57 24.18 28.79 31.10 38.01 47.24	8.25 13.00 17.76 20.13 24.88 29.63 32.00 39.13 48.63	0.21 0.35 0.49 0.56 0.70 0.84 0.91	2.61 2.81 2.81 2.91 2.91 2.91 2.91	7.43 11.70 15.98 18.12 22.39 26.67 28.80 35.22 43.77	(0.83) (1.30) (1.78) (2.01) (2.49) (2.96) (3.20) (3.91) (4.86)	-10. -10. -10. -10. -10. -10. -10.
8.05 12.66 17.27 19.57 24.18 28.79 31.10 38.01 47.24	8.25 13.00 17.76 20.13 24.88 29.63 32.00 39.13 48.63	0.21 0.35 0.49 0.56 0.70 0.84 0.91	2.61 2.81 2.81 2.91 2.91 2.91 2.91	7.43 11.70 15.98 18.12 22.39 26.67 28.80 35.22 43.77	(0.83) (1.30) (1.78) (2.01) (2.49) (2.96) (3.20) (3.91) (4.86)	-10. -10. -10. -10. -10. -10. -10.
12.66 17.27 19.57 24.18 28.79 31.10 38.01 47.24	13.00 17.76 20.13 24.88 29.63 32.00 39.13 48.63	0.35 0.49 0.56 0.70 0.84 0.91	2.81 2.83 2.94 2.93 2.93 2.94 2.94	11.70 15.98 18.12 22.39 26.67 28.80 35.22 43.77	(1.30) (1.78) (2.01) (2.49) (2.96) (3.20) (3.91) (4.86)	-10. -10. -10. -10. -10. -10.
17.27 19.57 24.18 28.79 31.10 38.01 47.24	17.76 20.13 24.88 29.63 32.00 39.13 48.63	0.49 0.56 0.70 0.84 0.91	2.84 2.94 2.94 2.94 2.94 2.94	15.98 18.12 22.39 26.67 28.80 35.22 43.77	(1.78) (2.01) (2.49) (2.96) (3.20) (3.91) (4.86)	-10. -10. -10. -10. -10.
19.57 24.18 28.79 31.10 38.01 47.24	20.13 24.88 29.63 32.00 39.13 48.63	0.56 0.70 0.84 0.91 1.12	2.98 2.98 2.98 2.98 2.98	18.12 22.39 26.67 28.80 35.22 43.77	(2.01) (2.49) (2.96) (3.20) (3.91) (4.86)	-10. -10. -10. -10.
24.18 28.79 31.10 38.01 47.24	24.88 29.63 32.00 39.13 48.63	0.70 0.84 0.91 1.12	2.9% 2.9% 2.9% 2.9%	26.67 28.80 35.22 43.77	(2.49) (2.96) (3.20) (3.91) (4.86)	-10. -10. -10. -10.
28.79 31.10 38.01 47.24	29.63 32.00 39.13 48.63	0.84 0.91 1.12	2.94 2.94 2.94	26.67 28.80 35.22 43.77	(2.96) (3.20) (3.91) (4.86)	-10. -10. -10.
31.10 38.01 47.24	32.00 39.13 48.63	0.91 1.12	2.94 2.94	28.80 35.22 43.77	(3.20) (3.91) (4.86)	-10.0 -10.0
38.01 47.24	39.13 48.63	1.12	2.94	35.22 43.77	(3,91) (4.86)	-10.0
47.24 F	48.63			43.77	(4.86)	
ę		1.39	3.01			-10.
	Present Rate			Ac	ljustment Factors	
	resent Rate					
_					esent:	
	hustomer Charge		\$1.00		CA	(\$0.0040
	_		7			\$0.0188
E	nergy Charge		\$0.07889			(\$0.0015)
						\$0.13
				Pr	oposed Unbundled:	
			\$1.13			\$0.01885
D	ist/Access Ene	rgy Charge	\$0.06473			
T	ransmission Ch	arge	\$0.00227			
G	eneration Char	ge	\$0.00911			
				Pr	oposed Retail Deliv	ery:
			\$1.02			\$0.00227
D:	ist/Access Ene	rgy Charge	\$0.05523	AC	A	\$0.0000
	D D D D	Unbundled Rates Customer Charge Dist/Access Ene Transmission Ch Generation Char Proposed Retail Customer Charge Dist/Access Ene	Unbundled Rates Customer Charge Dist/Access Energy Charge Transmission Charge Generation Charge Proposed Retail Delivery Rate Customer Charge Dist/Access Energy Charge	Unbundled Rates Customer Charge \$1.13 Dist/Access Energy Charge \$0.06473 Transmission Charge \$0.00227 Generation Charge \$0.00911 Proposed Retail Delivery Rates Customer Charge \$1.02 Dist/Access Energy Charge \$0.05523	Energy Charge \$0.07889 CCS Unbundled Rates Pr Customer Charge \$1.13 FC Dist/Access Energy Charge \$0.06473 Transmission Charge \$0.00227 Generation Charge \$0.00911 Proposed Retail Delivery Rates Pr Customer Charge \$1.02 TC Dist/Access Energy Charge \$0.05523	Energy Charge \$0.07889 CCA CSC Unbundled Rates Proposed Unbundled: Customer Charge \$1.13 FCA Dist/Access Energy Charge \$0.06473 Transmission Charge \$0.00227 Generation Charge \$0.00911 Proposed Retail Delivery Rates Proposed Retail Deliv Customer Charge \$1.02 TCA ACA Dist/Access Energy Charge \$0.05523

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EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 2 RETAIL DELIVERY RATES AND SUPPORTING DOCUMENTATION

PROPOSED RETAIL DELIVERY RATE DESIGN

EASTERN EDISON COMPANY

D.P.U. 96-24

PROPOSED RETAIL DELIVERY RATE DESIGN

		Rate R-1	Rate R-2	Rate R-3	Rate R-4	Rate G-1	Rate G-2
	SUM OF UNBUNDLED RATE CHARGES:				• • •		
1.	Customer Charge	1.63	1.11	2.13	8.95	1.63	8.1
2.	Demand Charge						12.0
3.	Energy Charge	0.10883	0.07579	0.09653		0.11955	0.0568
4.	Peak Energy Charge				0.21433		
5.	Off-Peak Energy Charge				0.06708		
6.	times: Reduction Factor	90%	90%	90%	90%	90%	9
	SUM OF RETAIL DELIVERY RATE CHARGES:						
7.	Customer Charge	1.47	1.00	1.92	8.06	1.47	7.3
8.	Demand Charge	0.00	0.00	0.00	0.00	0.00	10.8
9.	Energy Charge	\$0.09795	\$0.06821	\$0.08688	\$0.00000	\$0.10760	\$0.0511
LO.	Peak Energy Charge	\$0.00000	\$0.00000	\$0.00000	\$0.19290	\$0.00000	\$0.0000
11.	Off-Peak Energy Charge	\$0.00000	\$0.00000	\$0.00000	\$0.06037	\$0.00000	\$0.0000
	RETAIL DELIVERY RATE COMPONENTS:						
12.	STANDARD OFFER	0.02800	0.02800	0.02800	0.02800	0.02800	0.0280
13,	TRANSMISSION ENERGY CHARGE	0.00225	0.00225	0.00221	0.00225	0.00226	0.00224
	DISTRIBUTION/ACCESS CHARGES: (1)						
L4.		1.47	1.00	1.92	8,06	1.47	7.3
15.	· · · · · · · · · · · · · · · · · · ·	0.00	0.00	0.00	0.00	0.00	10.8
L6.	· · · · · · · · · · · · · · · · · · ·					+	
١7.	Dist/Access Energy Charge	0.06770	0.03796	0.05667		0.07734	0.0209
18.	·-··				0.16265		
١9.	Dist/Access Off-Peak Energy Charge				0.03012		
	UNITS:						
20.	Bills	1,652,850	174,228	79,228	534	199,517	78,84
1.	Billed kW	0	0	0	0	0	2,736,32
2.	Usage Demand	0	0	0	0	0	,,
3.	Reservation Demand	0	Ö	0	0	0	i
4.	Total kWhs	855,187,451	69,317,290	87,057,294	563,121	106,102,102	792,270,95
15 .	Peak kWhs	C	0	٥	80,150	0	, -,
26.	Off-Peak kWhs	0	0	0	482,971	0	C
	REVENUES:						
27.		\$1,924,172	\$155,964	\$192,397	\$1,267	\$239,791	\$1,774,687
28.	Distribution/Access	60,318,356	2,805,407	5,085,156	31,886	8,498,097	46,894,522
29.	Standard Offer	23,945,249	1,940,884	2,437,604	15,767	2,970,859	22,183,587
10.	Total Revenue	\$86,187,776	\$4,902,255	\$7,715,157	\$48,920	\$11,708,747	\$70,852,796
	AVERAGE RATES:						
11.	Transmission	\$0.00225	\$0.00225	\$0.00221	\$0.00225	\$0.00226	\$0.00224
2.	Distribution/Access	0.07053	0.04047	0.05841	0.05662	0.08009	0.05919
3.	Standard Offer	0.02800	0.02800	0.02800	0.02800	0.02800	0.02800
	Total	\$0.10078	\$0,07072	\$0.08862	\$0.08687	\$0.11035	

⁽¹⁾ Includes \$.0304 /kWh of Access Cost

EASTERN EDISON COMPANY D.P.U. 96-24

PROPOSED RETAIL DELIVERY RATE DESIGN

				·		
		Rate T-2	Rate G-4	Rate G-5	Rate G-6	Rate H-1
	SUM OF UNBUNDLED RATE CHARGES:					
1	. Customer Charge	14.41	19.94	48.89	48.89	6.13
2	. Demand Charge	12.49	12,00	9,50	9.50	0.23
3	. Energy Charge				,,,,,	0.10189
4	. Peak Energy Charge	0.06358	0.06532	0.07186	0.07171	0.10103
5	. Off-Peak Energy Charge	0.05458	0.05632	0.06376	0.06361	
6	times: Reduction Factor	90%	90%	90%	90%	90
	SUM OF RETAIL DELIVERY RATE CHARGES:			·•••		
7	. Customer Charge	12.97	17.95	44.00	44.00	5.52
В	. Demand Charge	11.24	10.80	8.55	8.55	0.00
9	Energy Charge	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.09170
10	Peak Energy Charge	\$0.05722	\$0.05879	\$0.06467	\$0.06454	\$0.00000
11	Off-Peak Energy Charge	\$0.04912	\$0.05069	\$0.05738	\$0.05725	\$0.00000
	RETAIL DELIVERY RATE COMPONENTS:					
12	STANDARD OFFER	0.02800	0.02800	0.02800	0.02800	0.02800
13.	TRANSMISSION ENERGY CHARGE	0.00224	0.00225	0.00222	0.00226	0.00225
	DISTRIBUTION/ACCESS CHARGES: (1)					
14.	•	12.97	17.95	44.00	44.00	5.52
15.	Dist/Access Demand Charge	11.24	10.80	8,55	8.55	0.00
16,	Dist/Access Reservation Charge					
17.	Dist/Access Energy Charge					0.06145
18.	Dist/Access Peak Energy Charge	0.02698	0.02854	0.03445	0.03428	0.00113
19.	Dist/Access Off-Peak Energy Charge	0.01888	0.02044	0.02716	0.02699	
	UNITS:					
20.	Bills	837	1,022	402	395	1,418
21.	Billed kW	135,697	735,800	80,295	398,472	0
22.	Usage Demand	•	,	***************************************	330,1,2	0
23.	Reservation Demand	0	0	0	0	0
24.	Total kWhs	67,781,110			179,933,046	_
25.	Peak kWhs		70,584,524	6,819,669	36,844,867	10,324,007
26.	Off-Peak kWhs	54,925,836	242,309,337	20,709,130	143,088,179	0
	REVENUES:					
27.	Transmission	\$151,830	\$704,011	\$61,114	\$406,649	\$41,229
28.	Distribution/Access	2,920,196		1,501,718		1,133,857
29.	Standard Offer	1,897,871	8,761,028	770,806	5,038,125	513,074
30.	Total Revenue	\$4,969,896	\$24,396,679	\$2,333,639	\$13,993,902	\$1,688,160
	AVERAGE RATES:					
31.		\$0.00224	\$0.00225	\$0.00222	\$0.00226	60 222
32.		0.04308	0.04772		-	\$0.00225
33.		0.02800	0.02800	0.05455 0.02800	0.04751 0.02800	0.06188 0.02800
34.	Total	\$0.07332	\$0.07797	\$0.08477	\$0.07777	\$0.09213
					·	,

⁽¹⁾ Includes \$.0304 /kWh of Access Cost

EASTERN EDISON COMPANY

D.P.U. 96-24

PROPOSED RETAIL DELIVERY RATE DESIGN

	Bat - ** 6	D-6- 22-2			· · · · · · · · · · · · · · · · · · ·
			Rate A-6	Rate S-1	Total
SUM OF UNBUNDLED RATE CHARGES:					
Customer Charge	1.63	1.13	53.03	0.00	
_			9.50		
Energy Charge	0.10290	0.09500		0.17039	
••			0.07176		
			0.06366		
times: Reduction Factor	90%	90%	90%	909	9
SUM OF RETAIL DELIVERY RATE CHARGES:					
-	1.47	1.02	47.73	0.00	0.0
Demand Charge	0.00	0.00	8.55	0.00	0.0
Energy Charge	\$0.09261	\$0.08550	\$0.00000	\$0.15335	
- * *	\$0.00000	\$0.00000	\$0.06459	\$0.00000	\$0.0000
Off-Peak Energy Charge	\$0.00000	\$0.00000	\$0.05730	\$0.00000	\$0.0000
RETAIL DELIVERY RATE COMPONENTS:				·	
STANDARD OFFER	0.02800	0.02800	0.02800	0.02800	0.0280
TRANSMISSION ENERGY CHARGE	0.00225	0.00227	0.00226	0.00239	0.0000
DISTRIBUTION/ACCESS CHARGES: (1)					·
Customer Charge	1.47	1.02	47.73	0.00	
	0.00	0.00	6.45	0.00	
Dist/Access Reservation Charge			2.10		
Dist/Access Energy Charge	0.06236	0.05523		0.12296	
Dist/Access Peak Energy Charge			0.03433		
Dist/Access Off-Peak Energy Charge			0.02704		
UNITS:					
Bills	2,107	205,223	12	456,659	2,853,27
Billed kW	0	0	15,368	0	
Usage Demand	0	0	3,972	ō	
Reservation Demand	0	0	27,933	0	
Total kWhs	2,956,142	54,988,259	5,716,787	26.854.339	2.607.474.63
Peak kWhs	a	0	1,129,485		
Off-Peak kWhs	0	0	4,587,302	٥	
	\$6, 6 51	\$124,823	\$12,920	\$64,182	\$5,861,68
·	187,436	3,245,713	379,052	3,302,036	159,784,20
Standard Offer	82,772	1,539,671	160,070	751,921	73,009,29
Total Revenue	\$276,859	\$4,910,208	\$552,041	\$4,118,140	\$238,655,170
Transmission	\$0.00225	\$0.00227	\$0.00226	\$0.00239	\$0.0022
Distribution/Access	0.06341	0.05903	0.06630	0.12296	0.0612
Standard Offer	0.02800	0.02800	0.02800	0.02900	0.0280
	Customer Charge Demand Charge Energy Charge Peak Energy Charge Off-Peak Energy Charge times: Reduction Factor SUM OF RETAIL DELIVERY RATE CHARGES: Customer Charge Demand Charge Energy Charge Off-Peak Energy Charge Off-Peak Energy Charge RETAIL DELIVERY RATE COMPONENTS: STANDARD OFFER TRANSMISSION ENERGY CHARGE DISTRIBUTION/ACCESS CHARGES: (1) Customer Charge Dist/Access Demand Charge Dist/Access Reservation Charge Dist/Access Peak Energy Charge Dist/Access Off-Peak Energy Charge UNITS: Bills Billed kW Usage Demand Reservation Demand Total kWhs Peak kWhs Off-Peak kWhs Off-Peak kWhs Transmission Distribution/Access Standard Offer Total Revenue AVERAGE RATES: Transmission Distribution/Access	SUM OF UNBUNDLED RATE CHARGES: Customer Charge	### Customer Charge	CUSTOMBER CHARGES:	Customer Charge

⁽¹⁾ Includes \$.0304 /kWh of Access Cost

EASTERN EDISON COMPANY

D.P.U. 96-24

Retail Delivery Rate Design - Rate S-1 Test Year Ending June 30, 1996

*********		<u> </u>				******
(A)	(B)	(C)	(D)	(E)	(F)	(G)
	/MIDITARY ED		PROPOSED			
	UNBUNDLED BASE RATE	ANNUAL	RETAIL			
	PLUS	ENERGY	DELIVERY REVENUE PER	STANDARD OFFER @	TRANSMISSION CHARGE @	BECDOCED
LIGHTING	GENERATION	PER	FIXTURE (10%	\$0.02800	\$0.00239	PROPOSED RATES
CODE	& TRANSMISSION	FIXTURE	REDUCTION)	PER KWH	PER KWH	(COL D-E-F)
		EADES				
0061-3-110	\$66.58	240	\$59.92	\$6.72	\$0.57	\$52.63
0061-3-210	147.24	240	132.52	6.72	0.57	125.23
0061-3-211	66.58	240	59.92	6.72	0.57	52.63
0061-3-214 0061-3-710	66.58 196.12	240 240	59.92	6.72	0.57	52,63
0061-3-711	76.94	240	176.51 69.25	6.72 6.72	0.57	169.22
0061-3-714	76.94	240	69.25	6.72	0.57 0.57	61.96 61 .96
0061-3-810	244.69	240	220.22	6,72	0.57	212.93
0061-3-811	71.34	240	64.21	6.72	0.57	56.92
0061-3-940	141.43	240	127.29	6.72	0.57	120.00
0061-3-941	65.73	240	59.16	6.72	0.57	51.87
0085-3-110 0085-3-120	75.51 89.38	334	67.96	9.35	0.80	57.81
0085-3-210	156.16	334 334	80.44 140.54	9.35	0.80	70.29
0085-3-211	75.51	334	67.96	9.35 9.35	0.80 0.80	130.39
0085-3-214	75.51	334	67.96	9.35	0.80	57.81 57.81
0085-3-220	170.02	334	153.01	9.35	0.80	142.86
0085-3-221	89.38	334	80.44	9.35	0.80	70.29
0085-3-224	89.38	334	80.44	9.35	0.80	70.29
0085-3-440	149.18	334	134.26	9.35	0.80	124.11
0085-3-441 0085-3-460	73.47 221.20	334 334	66.12 199.08	9.35	0.80	55.97
0085-3-461	119.70	334	107,73	9.35 9.35	0.80 0.80	188.93
0085-3-641	73.47	334	66.12	9.35	0.80	97.58 55.97
0085-3-710	205.05	334	184.54	9.35	0.80	174.39
0085-3-711	85.88	334	77.29	9.35	0.80	67.14
0085-3-714	85,88	334	77.29	9.35	0.80	67.14
0085-3-720 0085-3-721	218.91 99.74	334 334	197.02	9.35	0.80	186.87
0085-3-724	99.74	334	89.76 89.76	9.35 9.35	0.80 0.80	79.61
0085-3-810	253.62	334	228,25	9.35	0.80	79.61 218.10
0085-3-811	80.26	334	72.23	9.35	0.80	62.08
0085-3-940	149.18	334	134.26	9.35	0.80	124.11
0085-3-941	73,47	334	66.12	9.35	0.80	55.97
0103-1-110 0121-3-110	72.41	405	65,17	11,34	0.97	52.86
0121-3-110	89.30 103.16	476 476	80.37 92.85	13.33	1.14	65.90
0121-3-130	94.78	476	85.31	13.33 13.33	1.14 1.14	78.38 70.84
0121-3-210	169.94	476	152.95	13.33	1,14	138.48
0121-3-211	89.30	476	80.37	13.33	1.14	65.90
0121-3-214	89.30	476	80.37	13.33	1.14	65.90
0121-3-220 0121-3-221	183.80 103.16	476	165.42	13.33	1.14	150.95
0121-3-224	103.16	476 476	92.85 92.85	13.33 13.33	1.14 1.14	78.38
0121-3-230	175.41	476	157.87	13.33	1.14	78.38 143.40
0121-3-231	94.78	476	85.31	13.33	1.14	70.84
0121-3-234	94.78	476	85.31	13.33	1.14	70.84
0121-3-440	164.37	476	147.94	13.33	1.14	133,47
0121-3-441 0121-3-460	88.68 245.08	476 476	79.82	13.33	1.14	65.35
0121-3-461	143.56	476	220.58 129.21	13.33 13.33	1.14 1.14	206.11
0121-3-610	267.39	476	240.65	13.33	1.14	114.74 226.18
0121-3-611	102.65	476	92.39	13.33	1.14	77.92
0121-3-614	102.65	476	92.39	13.33	1.14	77.92
0121-3-620	268.25	476	241.43	13.33	1.14	226.96
0121-3-621 0121-3-624	103.52	476	93.17	13.33	1.14	78.70
0121-3-624	103.52 105.14	476 476	93.17 94.63	13.33 13.33	1.14	78.70
0121-3-641	88.68	476	79.82	13.33	1.14 1.14	80.16 65.35
0121-3-651	109.58	476	98.63	13.33	1.14	84.16
0121-3-710	218.82	476	196.94	13.33	1.14	182.47
0121-3-711	99.64	476	89.68	13.33	1.14	75.21
0121-3-714 0121-3-720	99,64	476	89.68	13.33	1.14	75.21
0121-3-721	232.68 113.50	476 476	209.42 102.15	13.33	1.14	194.95
0121-3-724	113.50	476	102.15	13.33 13.33	1.14 1.14	87.68 87.6B
0121-3-730	224.31	476	201.88	13.33	1,14	187.41

EASTERN EDISON COMPANY
D.P.U. 96-24
Retail Delivery Rate Design - Rate S-1
Test Year Ending June 30, 1996

*********		168¢ 16	er knoing June	30, 1996			
(A) (B)		(C)	(D)	(E)	(F)	(G)	
			PROPOSED				
UNBUNDLED BASE RATE		NAME OF THE PERSON OF THE PERS	RETAIL				
	PLUS	ANNUAL ENERGY	DELIVERY REVENUE PER	STANDARD OFFER @	TRANSMISSION CHARGE @	DUODOCOD	
LIGHTING	GENERATION	PER	FIXTURE (10%	\$0.02800		Proposed Rates	
CODE	& TRANSMISSION	FIXTURE	REDUCTION)	PER KWH	PER KWH	(COL D-E-F)	
******		********					
0121-3-731	105.14	476	94.63	13.33	1.14	80.16	
0121-3-734 0121-3-810	105.14 267.64	476	94.63	13.33	1.14	80.16	
0121-3-811	94.28	476 476	240.88 84.86	13.33 13.33	1.14	226.41	
0121-3-940	164.37	476	147.94	13.33	1.14 1.14	70.39 133.47	
0121-3-941	88.68	476	79.82	13.33	1.14	65.35	
0130-2-110	95.92	511	86.33	14.31	1.22	70.80	
0130-2-211	95.92	511	86.33	14.31	1.22	70.80	
0130-2-641 0130-2-810	92.86 274.03	511	83.58	14.31	1.22	68.05	
0130-2-811	100.68	511 511	246.63 90.61	14.31 14.31	1.22	231,10	
0130-2-941	92.86	511	83.58	14.31	1.22 1,22	75.08 68.05	
0176-3-110	109.81	692	98.83	19.38	1.65	77.80	
0176-3-120	124.62	692	112.16	19.38	1.65	91.13	
0176-3-210	190.45	692	171.40	19.38	1.65	150.37	
0176-3-211 0176-3-214	109.81 109.81	692	98.83	19.38	1,65	77.80	
0176-3-220	205.26	692 692	98.83 184.73	19.38	1.65	77.80	
0176-3-221	124.62	692	112.16	19.38 19.38	1.65 1.65	163.70 91.13	
0176-3-224	124.62	692	112.16	19.38	1.65	91.13	
0176-3-440	184.89	692	166.40	19.38	1.65	145,37	
0176-3-441	109.20	692	98.28	19.38	1.65	77.25	
0176-3-610 0176-3-611	287.91	692	259.12	19.38	1.65	238.09	
0176-3-614	123.17 123.17	692 692	110.85	19.38	1.65	89.82	
0176-3-620	306.44	692	110.85 275.80	19.38 19.38	1.65 1.65	89.82 254.77	
0176-3-621	141.71	692	127.54	19.38	1.65	106.51	
0176-3-624	141.71	692	127.54	19.38	1.65	106.51	
0176-3-710	247.02	692	222.32	19.38	1.65	201.29	
0176-3-711 0176-3-714	127.83	692	115.05	19.38	1.65	94.02	
0176-3-720	127.83 254.15	692 692	115.05 228.73	19.38	1.65	94.02	
0176-3-721	134.97	692	121.47	19.38 19.38	1.65 1.65	207.70 100.44	
0176-3-724	134.97	692	121.47	19.38	1.65	100.44	
0176-3-940	184.89	692	166.40	19.38	1.65	145.37	
0176-3-941	109.20	692	98.28	19.38	1.65	77.25	
0202-1-110 0209-2-110	109.36 125,47	794	98.43	22.23	1.90	74.30	
0209-2-130	131.91	822 822	112,92 118.72	23.02 23.02	1.96	87.94	
0209-2-211	125.47	822	112.92	23.02	1.96 1.96	93.74 87.94	
0209-2-231	131.91	822	118.72	23.02	1.96	93.74	
0209-2-541	122.40	822	110.16	23.02	1.96	85.18	
0209-2-610 0209-2-631	303.57	822	273.21	23.02	1.96	248.23	
0209-2-641	133.35 122.40	822 822	120.01 110.16	23.02	1.96	95.03	
0209-2-651	143,90	822	129.51	23.02 23.02	1.96 1.96	85.18 104.53	
0209-2-941	122.40	822	110.16	23.02	1.96	85.18	
0242-3-612	367.06	952	330.35	26.66	2.28	301.41	
0242-3-613	205.42	952	184.88	26.66	2.28	155.94	
0300-2-110 0300-4-120	166.33	1,180	149.70	33.04	2.82	113.84	
0300-4-120	190.38 290.64	1,180	171.34	33.04	2.82	135.48	
0324-3-110	172.01	1,180 1,274	261.58 154.81	33.04 35.67	2.82	225.72	
0324-3-120	179.91	1,274	161.92	35.67	3.04 3.04	116.10 123.21	
0324-3-124	179.91	1,274	161.92	35.67	3.04	123.21	
0324-3-210	252.65	1,274	227.38	35.67	3.04	188.67	
0324-3-211	172.01	1,274	154.81	35.67	3.04	116.10	
0324-3-214 0324-3-220	172.01	1,274	154.81	35.67	3.04	116.10	
0324-3-221	260.55 179.91	1,274 1,274	234.49	35.67	3.04	195.78	
0324-3-224	179.91	1,274	161.92 161.92	35.67 35.67	3.04 3.04	123.21	
0324-3-610	350.10	1,274	315.09	35.67	3.04	123.21 276.38	
				CT + T '	~. • •	2,0.30	

EASTERN EDISON COMPANY

D.P.U. 96-24 Retail Delivery Rate Design - Rate S-1 Test Year Ending June 30, 1996

	383383333332±±±±±		******	***	******		
(A) (B)		(C)	(D)	(E)	(F)	(G)	
	Phintylor me		PROPOSED				
	UNBUNDLED BASE RATE	********	RETAIL				
	PLUS	ANNUAL ENERGY	DELIVERY REVENUE PER	STANDARD	TRANSMISSION		
LIGHTING	GENERATION	PER	FIXTURE (10%	OFFER @ \$0.02800	CHARGE @	PROPOSED	
CODE	& TRANSMISSION	FIXTURE	REDUCTION)	PER KWH	\$0.00239 PER KWH	RATES	
*****			**************************************	***********	FAR KMA	(COL D-E-F)	
0324-3-611	185,37	1,274	166.83	35.67	3.04	128.12	
0324-3-614	185.37	1,274	166.83	35.67	3.04	128.12	
0324-3-620	361.73	1,274	325.55	35.67	3.04	286.84	
0324-3-621	196.99	1,274	177.29	35.67	3.04	138.58	
0324-3-624	196.99	1,274	177.29	35.67	3.04	138.58	
0324-3-710	301.55	1,274	271.39	35.67	3.04	232.68	
0324-3-711	182.35	1,274	164.11	35.67	3.04	125.40	
0324-3-714	182.35	1,274	164.11	35.67	3.04	125.40	
0324-3-720	309.44	1,274	278.49	35.67	3.04	239.78	
0324-3-721 0324-3-724	190.26 190,26	1,274	171.23	35.67	3.04	132.52	
0466-4-120	278.90	1,274 1,832	171.23	35.67	3.04	132,52	
0466-4-220	379.16	1,832	251.01 341.24	51,30 51.30	4.38	195.33	
0474-2-110	232.94	1,864	209.65	52.19	4.38 4.45	285.56	
0474-2-120	235.44	1,864	211.90	52.19	4.45	153.01 155.26	
0474-2-130	237.02	1,864	213.32	52.19	4.45	156.68	
0474-2-211	232.94	1.864	209.65	52.19	4.45	153.01	
0474-2-221	235.44	1,864	211.90	52.19	4.45	155.26	
0474-2-231	237.02	1,864	213.32	52.19	4.45	156.68	
0474-2-310	393.20	1,864	353.88	52.19	4.45	297.24	
0474-2-314	241.60	1,864	217,44	52.19	4.45	160.80	
0474-2-612	463,31	1,864	416.98	52.19	4.45	360.34	
0474-2-614	252.56	1,864	227.31	52.19	4.45	170.67	
0474-2-711	252.56	1,864	227.31	52.19	4.45	170.67	
0500-1-120	250.26	1,966	225.23	55.05	4.70	165.48	
0500-3-110 0500-3-120	242.82	1,966	218.53	55.05	4.70	158.78	
0500-3-124	251.74 251,74	1,966	226.56	55.05	4.70	166.81	
0500-3-124	323.46	1,966 1,966	226.56 291.11	55.05 EF 05	4.70	166,81	
0500-3-211	242.82	1,966	218.53	55.05 55.05	4.70	231.36	
0500-3-214	242.82	1,966	218.53	55.05 55.05	4.70 4.70	158.78 158.78	
0500-3-220	332.38	1,966	299,14	55.05	4.70	239.39	
0500-3-221	251.74	1,966	226.56	55.05	4.70	166.81	
0500-3-224	251.74	1,966	226.56	55.05	4.70	166.81	
0500-3-610	420.91	1,966	378.81	55.05	4.70	319.06	
0500-3-611	256.18	1,966	230.56	55.05	4.70	170.81	
0500-3-614	256.18	1,966	230.56	55.05	4.70	170.81	
0500-3-620	433.56	1,966	390.20	55.05	4.70	330.45	
0500-3-621	268.81	1,966	241.92	55.05	4.70	182.17	
0500-3-624	268.81	1,966	241.92	55.05	4.70	182,17	
0500-3-710	372.36	1,966	335.12	55.05	4.70	275.37	
0500-3-711 0500-3-714	253.17	1,966	227.85	55.05	4.70	168.10	
0500-3-719	253.17 381.27	1,966 1,966	227.85	55.05	4.70	168.10	
0500-3-721	262.09	1,966	343.14	55.05	4.70	283.39	
0500-3-724	262.09	1,966	235.88 235.88	55.05 55.05	4.70	176.13	
0648-3-612	541.61	2,548	487.45	71.34	4.70 6.09	176.13	
0648-3-613	379.97	2,548	341.98	71.34	6.09	410.02 264,55	
1080-4-120	428.45	4,247	385.60	118.92	10.15	256.53	
1080-4-120	528.71	4,247	475.83	118.92	10.15	346.76	
1135-2-120	500.45	4,463	450.41	124.96	10.67	314.78	
1135-2-221	500.45	4,463	450.41	124.96	10.67	314.78	

EASTERN EDISON COMPANY D.P.U. 96-24

ATTACHMENT 2 RETAIL DELIVERY RATES AND SUPPORTING DOCUMENTATION

ILLUSTRATIVE CUSTOMER BILL

≣astern Utilities

ACCOUNT NUMBER 54

2-3040-506070-0

BILLING DATE

JAN 15, 1998

AMOUNT DUE

MUST BE RETURNED BY

\$50.45

Make check payable to:

Eastern Edison Company PO Box 15619 Worcester MA 01615-0619

**C012

FEB 09, 1998 TO BE CREDITED TO YOUR NEXT BILLING

AMOUNT ENCLOSED

SAMPLE 98 UNBUNDLED 98 UNBUNDLED DRIVE WHITMAN MA

02382-2478

732 30405060700 000005045 000000000

Please return this portion with your payment. Bill is payable when rendered. Thank You.

OUR POWER OUTAGE NUMBER IS 1-800-242-3850. CALL US TO REPORT ANY OUTAGE OR DOWNED WIRE.

1

RATE R-1

MEXT METER READ DATE FEB 13, 1998

ACCOUNT NUMBER 54

2-3040-506070-0 BILLING DATE

JAN 15, 1998

SAMPLE 98 UNBUNDLED 227 UNBUNDLED DRIVE WHITMAN

PREVIOUS BALANCE

MA 02382

.00

MEIER MANNER BATE TROM TO PREV. READ PRES READ CONTINUE DENAND	00.00
123456 R1 DEC 13 JAN 15 3681 4181 1 500 PLEASE PAY THIS AMOUNT	50.45 50.45

Power Provider: ABC Company (Fuel mix and supply information here)

COST OF ELECTRICTY

DELIVERY SERVICES				
CUSTOMER CHARGE			2	\$1.47
DISTRIBUTION/ACCESS ENERGY CHARGE	\$.06770	Х	500 KWH =	\$33.85
TRANSMISSION CHARGE	\$.00225	X	500 KWH =	\$1.13
SUPPLIER SERVICES				72.20
STANDARD OFFER	\$.02800	X	500 KWH =	\$14.00
TOTAL COST OF ELECTRICITY				\$50.45

Average kWh And kW Billed Per Day For Last 13 Months Energy Conservation Report																	
Usage	lan 98	Dec.	Nov	Oct	Sep	Αυσ	.		Nav	Apr	Har	Feb	Jan 97				
kiffn	15	14	16	15	14	16	14	13	15	14	15	17	17	This Year	33	500	kWh/Day 15
kW	- ao	00	00	00	00	0.0	00	DO	00	0.0	ê0	00	00	Last Year	33	455	13
2131	2181 (Eastern Edison Company PO Box 15619 Worcester MA 01615-0619 TELEPHONE (SEE REVERSE SIDE)																

\$50,45